

# The Illustrated LONDON ALMANACK 1851.

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# INTRODUCTION.

THE Volume of the ILLUSTRATED LONDON ALMANACK which is now offered to the Public, is the Seventh from the commencement of the publication; and, it is hoped, will meet with as favourable a reception as those which have preceded it.

In the formation of this Almanack, attention has been paid not to reprint information which is common to several years, and which has been published in the series; and although every Volume is complete in itself for the year of its publication, yet it must be considered as forming but one of a series: therefore, the explanation of terms, and information generally, which does not particularly belong to that year, may be found in the Volumes for other years.

CALENDAR AND SCIENCE.—The Calendrical and all relating to Science, in this, as well as in the five preceding Volumes, are from the pen of JAMES GLAISHER, Esq., F.R.S., F.R.A.S., and Secretary of the British Meteorological Society.

CALENDAR PAGES.—The arrangements of the Calendar pages remain as in the preceding Almanacks, without alteration.

ECLIPSE OF THE SUN.—On July 28 there will be a fine eclipse of the Sun; its successive phases will be found on page 29.

The ILLUSTRATIONS heading the Calendars—the Portraits of the Sovereigns of Europe—are from the pencil of M. BAUGNIET, and were engraved by E. DALZIEL, Esq. The Title-page and Wrapper and the Drawings surrounding the Portraits were designed by W. HARVEY, Esq.

The Illustrations on the third and fourth pages of each Month are from the pencil of G. DODGSON, Esq. The whole of the matter in these pages is from the able pen of THOMAS MILLER.

METEOROLOGICAL TABLES.—In preceding Almanacks the monthly values of several meteorological particulars have been given as found from the observations which have been made at the Royal Observatory, Greenwich. In this will be found a table showing the average temperature in every quarterly period from the year 1771 to 1849. The numbers in this table have been inferred from the observations which were made at the apartments of the Royal Society till the year 1840, and from those made at the Royal Observatory, Greenwich, from 1841.

METEOROLOGICAL INFORMATION.—At pages 52 to 55 will be found some interesting particulars of every year from 1771 to 1849; and also a diagram, which exhibits to the eye the excess or defect in warmth of every spring, summer, autumn, winter, and year; and a second diagram showing the temperature of every year, with a curve of change of temperature from year to year, as found from all the observations.

The importance of Statistical Knowledge is now generally acknowledged; and valuable as the Meteorological Tables are, which we have published, still they are for one place alone, whilst the particulars of every place are different in different parallels. In our own country, much has been done to advance Meteorology within the last few years; but it has been principally by the labours of an individual only. We cannot but hope, that, as a Society has recently been formed, called the British Meteorological Society, under the Presidency of S. C. Whitbread, Esq., attention will in future be paid to it in accordance with its importance.

USEFUL TABLES.—The Useful Tables in the remaining portion of our Almanack are corrected to the latest moment before going to press.

## THE MEAN TEMPERATURE OF THE AIR IN EVERY QUARTERLY PERIOD AND YEAR AT THE ROYAL OBSERVATORY, AT GREENWICH, WITH THE YEARLY AVERAGE PRICE OF WHEAT PER QUARTER, FROM THE YEAR 1771 TO THE YEAR 1849.

Year.	Jan., Feb., March.	Group of Years.	April, May, June.	Group of Years.	July, Aug., Sept.	Group of Years.	Oct., Nov., Dec.	Group of Years.	For the Year.	Average Price of Wheat per Quarter.	Group of Years.	Average Price of Wheat per Quarter.	Year.	Jan., Feb., March.	Group of Years.	April, May, June.	Group of Years.	July, Aug., Sept.	Group of Years.	Oct., Nov., Dec.	Group of Years.	For the Year.	Average Price of Wheat per Quarter.	Group of Years.	Average Price of Wheat per Quarter.
	°	°	°	°	°	°	°	°	°	£ s. d.	°	£ s. d.		°	°	°	°	°	°	°	°	°	£ s. d.	°	£ s. d.
1771	32.7		49.1		56.6		43.2		45.4	2 7 2			1810	38.4		51.5		60.3		44.4		48.7	5 3 3		
1772	35.0		50.1		58.2		45.1		47.1	2 10 8			1811	38.8		54.2		59.1		46.4		49.6	4 12 5		
1773	37.6		49.1		57.7		41.9		46.6	2 11 0			1812	38.6		48.9		56.8		41.5		46.5	6 2 8		
1774	37.4		52.7		58.9		41.7		47.7	2 12 8			1813	39.7		50.5		57.2		41.4		47.2	5 6 6		
1775	41.3		55.5		60.7		42.6		50.0	2 8 4			1814	32.0		50.0		58.2		43.0		45.8	3 12 1		
1776	36.9	37.6	52.2	52.0	59.3	59.6	44.2	43.6	48.3	1 18 2	48.2	2 5 5½	1815	39.4	38.5	53.1	51.3	60.9	42.4	49.0	43.3	3 3 8	48.1	4 8 8	
1777	38.1		50.9		60.3		43.6		48.2	2 5 6			1816	37.5		48.4		57.1		42.6		46.4	3 16 2		
1778	36.8		54.3		61.3		44.5		49.2	2 2 0			1817	41.1		50.3		56.2		43.0		47.7	4 14 0		
1779	42.4		54.5		63.2		44.7		51.2	1 13 8			1818	38.7		53.7		63.5		47.2		50.8	4 3 8		
													1819	41.4		52.9		61.2		41.8		49.3	3 12 3		
1780	37.7		52.9		62.7		42.0		48.8	1 15 8			1820	36.6		52.5		57.5		42.8		47.4	3 5 10		
1781	39.7		43.9		61.7		43.7		49.8	2 4 8			1821	38.8		51.3		59.7		47.4		49.3	2 14 5		
1782	37.3		58.9		57.1		38.7		45.5	2 7 10			1822	43.5		55.0		59.9		45.5		51.0	2 3 3		
1783	37.9		61.5		60.3		42.2		48.0	2 12 8			1823	36.6		50.9		53.1		43.5		47.3	2 11 9		
1784	32.4		51.7	52.0	57.7	59.0	38.5	41.0	45.1	2 8 10	47.2	2 4 9½	1824	37.7	38.4	49.1	52.5	54.3	44.7	49.9	44.7	3 2 0	48.8	2 18 4½	
1785	33.5	36.8	52.7		58.8		40.8		46.5	2 1 10			1825	33.3		53.7	52.5	62.3	59.6	44.2	44.7	49.6	3 6 6		
1786	35.4		52.2		56.4		39.1		45.8	1 18 10			1826	39.1		54.0		61.8		44.7		49.9	2 16 11		
1787	39.7		51.2		59.0		42.6		48.1	2 1 2			1827	36.0		52.4		59.8		45.8		48.5	2 16 2		
1788	38.2		54.8		58.8		39.6		47.9	2 5 0			1828	41.2		53.6		59.5		46.2		50.1	3 0 5		
1789	35.9		50.7		57.9		42.4		46.7	2 11 2			1829	36.4		52.4		57.0		40.6		46.6	3 6 4		
1790	41.0		50.1		57.6		43.5		48.1	2 13 2			1830	36.9		52.8		58.2		43.4		47.8	3 4 3		
1791	40.2		51.9		59.2		40.9		48.1	1 19 6			1831	39.8		53.4		61.3		47.1		50.4	3 6 8		
1792	38.1		51.0		58.7		44.0		48.0	2 3 2			1832	38.2		52.6		59.6		45.8		49.1	2 18 8		
1793	38.1		49.5		58.9		45.3		47.9	2 6 0			1833	38.2		54.8		57.4		45.5		49.0	2 13 5		
1794	40.8		52.6		59.5		42.8		48.9	2 10 0			1834	42.9	38.6	54.3	52.1	61.6	59.3	45.2	44.4	51.0	2 4 8	48.6	2 16 8
1795	32.2	38.3	50.1	51.1	60.2	58.9	46.3	42.7	47.2	3 15 5	47.8	2 17 3½	1835	40.1		53.1		53.1		49.2		49.2	1 19 4		
1796	41.3		51.5		59.2		39.1		47.8	3 17 0			1836	39.3		51.7		58.4		42.8		48.1	2 8 6		
1797	36.3		50.3		59.0		43.2		47.2	2 14 10			1837	37.8		48.3		58.8		44.3		47.3	2 15 10		
1798	38.8		54.7		59.7		41.2		48.6	2 4 0			1838	34.4		49.8		58.2		43.1		46.4	3 4 7		
1799	35.6		48.9		57.2		41.0		45.7	4 10 0			1839	38.4		49.8		58.2		44.4		47.7	3 10 8		
1800	36.2		52.5		61.6		42.8		48.3	6 10 0			1840	38.2		53.6		58.1		41.2		47.8	3 6 4		
1801	40.7		52.5		60.6		42.4		49.0	5 15 11			1841	38.4		53.5		58.8		44.0		48.7	3 4 4		
1802	37.7		52.1		59.4		42.6		48.0	3 7 9			1842	39.5		53.8		60.7		44.4		49.6	2 17 3		
1803	37.3		51.4		59.3		44.7		48.2	2 17 1			1843	39.6		51.9		60.8		45.2		49.4	2 10 1		
1804	40.4		53.9		59.8		43.7		49.5	3 0 5			1844	38.6	39.3	53.1	53.6	58.7	59.7	42.2	44.4	45.1	2 10 1	49.2	2 15 9½
1805	38.4	38.7	49.9	52.1	60.0	60.0	42.3	43.5	47.7	4 7 1	48.5	4 0 1½	1845	35.4		52.1		56.9		45.9		47.6	2 10 10		
1806	40.9		52.6		59.9		48.5		50.5	3 16 9			1846	43.6		55.7		62.6		43.1		51.3	2 14 8		
1807	37.9		52.6		60.1		42.8		48.3	3 13 1			1847	37.2		53.2		60.6		47.5		49.0	3 9 9		
1808	36.8		52.5		61.2		42.0		48.1	1 18 11			1848	40.6		55.3		58.6		46.5		50.2	2 10 6		
1809	40.7		51.4		58.2		43.4		48.0	4 14 5			1849	41.9		51.7		61.3		44.8		49.9	2 4 2		

Note.—In reading this table, it will be borne in mind that the number following the point indicates the number of tenth-parts of one degree; thus, 32°.7 is read thirty-two degrees and seven-tenths of another degree.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## ON THE CALENDAR.

PRINCIPAL ARTICLES OF THE CALENDAR, FOR THE YEAR OF OUR LORD 1851.

	Gregorian, or New Calendar	Julian, or Old Calendar.
Dominical Letter	E	G
Golden Number	9	9
Roman Indiction	9	9
Solar Cycle	12	12
Epact	28	9

(For remarks upon these articles, see the Almanack for the year 1847.)

## CORRESPONDENCE OF THE YEAR 1851 WITH ANCIENT ERAS.

The year 1851, till September 26, is the latter part of the 5611th, and from September 27, is the commencement of the 5612th, year since the creation of the world according to the Jews.

The year 1851 is the 6564th of the Julian Period.

The year 1851 is the 2604th year from the foundation of Rome (according to Varro).

The year 1851 is the 2598th year since the era of Nabonassar, which has been assigned to Wednesday, the 26th of February, of the 3967th year of the Julian Period, which corresponds, according to chronologists, to the 747th, and, according to astronomers, to the 746th year before the birth of Christ.

The year 1851 is the 2627th year of the Olympiads; or the third year of the 637th Olympiad will begin in July, 1851, if we fix the era of the Olympiads at 775½ years before Christ, or at or about the beginning of July of the year 3938 of the Julian Period.

The year 1851 is the latter part of the 1267th, and the first part of the 1268th year (of twelve lunations) since the Hegira, or flight of Mahomet, which it is generally supposed took place on the 12th of July, in the year 622 of the Christian era. The year 1267 commenced on the 6th of November, 1850, and ends on the 26th of October, 1851.

## CALENDAR OF THE JEWS FOR THE YEAR 1851.

5611.	1850.	NEW MOONS AND FEASTS.
Tebeth .. 1	December .. 6	Rosh Hodesh, or New Moon,
" .. 10	" .. 15	Fast: Siege of Jerusalem,
Schebat .. 1	January .. 4	New Moon
Adar .. 1	February .. 3	New Moon
" .. 14	" .. 16	Little Purim
Veadar .. 1	March .. 5	New Moon
" .. 13	" .. 17	Fast: Esther
" .. 14	" .. 18	Purim
" .. 15	" .. 19	Schuschan Purim
Nisan .. 1	April .. 3	New Moon
" .. 15	" .. 17	Passover begins*
" .. 16	" .. 18	Second day*
" .. 21	" .. 23	Seventh day*
" .. 22	" .. 24	Passover ends*
Ijar .. 1	May .. 3	New Moon
" .. 18	" .. 20	Lag Beomer
Sivan .. 1	June .. 1	New Moon
" .. 6	" .. 6	Pentecost Holidays: Feast of Weeks*
" .. 7	" .. 7	Second day*
Tamuz .. 1	July .. 1	New Moon
" .. 17	" .. 17	Fast: Seizure of the Temple by Titus
Ab .. 1	" .. 30	New Moon
" .. 9	August .. 7	Fast: Destruction of the Temple
Elul .. 1	" .. 29	New Moon
" .. 7	September .. 4	Conservation of the Walls of Jerusalem
" .. 17	" .. 14	Expulsion of the Greeks
Tisri .. 1	" .. 27	Feast of the New Year*
" .. 2	" .. 28	Second days*
" .. 3	" .. 29	Fast: Death of Edaliah
" .. 10	October .. 6	Fast: Day of Atonement*
" .. 15	" .. 11	Feast of Tabernacles*
" .. 16	" .. 12	Second Day of the Feast*
" .. 21	" .. 17	Feast of Branches
" .. 22	" .. 18	End of the Feast of Tabernacles*
" .. 23	" .. 19	Feast of the Law*
Marchesvan .. 1	" .. 27	New Moon
" .. 6	November .. 1	Fast for the Destruction of Jerusalem
Kislev .. 1	" .. 25	New Moon
" .. 25	December .. 19	Feast of the Dedication of the Temple
Tebeth .. 1	" .. 24	New Moon

The Anniversaries marked with an asterisk (\*) are to be strictly observed. The Jewish Year generally contains 354 days, or 12 Lunations of the Moon; but, in a cycle of 19 years, an intercalary month (Veadar) is 7 times introduced, for the purpose of rendering the average duration of the year nearly correct.

## MOHAMMEDAN CALENDAR FOR THE YEAR 1851.

Year.	Names of the Months.	Month begins.
Hegiri; 1267.	Safar ..	December 6, 1850.
" ..	Rebia 1 ..	January 4, 1851.
" ..	Rebia 11 ..	February 3, ..
" ..	Gomedhi 1 ..	March 4, ..
" ..	Gomedhi 11 ..	April 3, ..
" ..	Rejeb ..	May 2, ..
" ..	Scheban ..	June 1, ..
" ..	Ramedan (Month of Fasting) ..	June 30, ..
" ..	Schewale (Bairam) ..	July 30, ..
" ..	Dsu'l-Kadah ..	August 28, ..
" ..	Dsu'l-hejjah ..	September 27, ..
Hegiri; 1268.	Moharrem 1 ..	October 27, ..
" ..	Safar 1 ..	November 26, ..
" ..	Rebia ..	December 25, ..

(For remarks on the Mohammedan year, see the Almanack for the year 1848.)

## BEGINNING OF THE SEASONS, 1851.

		D. H. M.
The Sun enters	Capricornus (Winter begins)	1850, Dec. 22 3 38 A.M.
"	Aries (Spring begins)	1851, March 21 4 55 A.M.
"	Cancer (Summer begins)	" June 22 1 41 A.M.
"	Libra (Autumn begins)	" Sept. 23 3 51 P.M.
"	Capricornus (Winter begins)	" Dec. 22 9 29 A.M.

## FIXED AND MOVEABLE FESTIVALS, ANNIVERSARIES, &c.

Epiphany ..	Jan. 6	Ascension Day—Holy Thursday	May 29
Martyrdom of King Charles I.	Feb. 30	Restoration of King Chas. II.	" 29
Septuagesima Sunday ..	Feb. 16	Pentecost—Whit Sunday ..	June 8
St. David ..	March 1	Trinity Sunday ..	" 15
Quinquagesima—Shrove Sun.	" 2	Corpus Christi ..	" 19
Ash Wednesday ..	" 5	Accession of Queen Victoria	" 26
Quadragesima—1st Sunday }	" 9	Proclamation ..	" 21
in Lent ..	" 9	St. John Baptist—Midsum- }	" 24
St. Patrick ..	" 17	mer Day ..	" 24
Annunciation—Lady Day }	" 25	St. Michael—Michaelmas Day	Sep. 29
Palm Sunday ..	April 13	Gunpowder Plot ..	Nov. 5
Good Friday ..	" 18	Birth of Prince of Wales ..	" 9
EASTER SUNDAY ..	" 20	St. Andrew ..	" 30
St. George ..	" 23	1st Sunday in Advent ..	" 30
Low Sunday ..	" 27	St. Thomas ..	Dec. 21
Birth of Queen Victoria ..	May 24	Christmas Day ..	" 25
Rogation Sunday ..	" 25		

## DURATION OF THE SEASONS, AND THE YEAR 1851.

The Sun will be in the	Winter	signs	89 Days	1 Hour	17 Minutes
"	Spring	"	92	20	46
"	Summer	"	93	14	10
"	Autumn	"	89	17	38

So that the period of Summer is 4 days, 12 hours, and 53 minutes longer than that of Winter; 17 hours and 24 minutes longer than that of Spring; and 3 days, 20 hours, and 32 minutes longer than that of Autumn.

The Sun will be on the Equator and going N. } 1851, March 21 4 55 P.M., his declin. being 0 0 0  
The Sun will reach his extreme N. declinat. } 1851, June 22 1 41 A.M., his declin. being 23 27 25

The Sun will be on the Equator, and going S. } 1851, Sept. 23 3 51 P.M., his declin. being 0 0 0  
The Sun will be at his extreme S. declination } 1851, Dec. 22 9 29 A.M., his declin. being 23 27 25

The Sun will be North of the Equator (Spring and Summer) 186 days 10 hours 56 minutes.

The Sun will be South of the Equator (Winter and Autumn) 178 days 18 hours 55 minutes.

The length of the Tropical Year, commencing at the Winter Solstice 1850, and ending at the Winter Solstice 1851, is 365 days 5 hours 51 minutes.

## ASTRONOMICAL SYMBOLS AND ABBREVIATIONS.

☉ The Sun	♄ Astrea	♊ S. South W. West
☾ New Moon	♌ Flora	° Degrees
☾ First Quarter of Moon	♍ Metis	' Minutes of Arc
☾ Full Moon	♎ Hygeia	" Seconds of Arc
☾ Last Quarter of Moon	♏ Parthenope	D. Days
☿ Mercury	♐ Victoria	H. Hours
♁ or ♀ The Earth	♑ Gasparis Third Planet	M. Minutes of Time
♂ Mars	♒ Jupiter	S. Seconds of Time
♁ Vesta	♓ Saturn	☉ Sunday
♊ Juno	♈ Uranus	☾ Monday
♋ Pallas	♉ Neptune	☿ Tuesday
♌ Ceres	♊ Ascending Node	☽ Wednesday
♍ Hebe	♋ Descending Node	♈ Thursday
♎ Iris	♌ North E. East	♉ Friday
		♊ Saturday

The Symbol ☉ Conjunction, or having the same Longitude or Right Ascension.

" ☐ Quadrature, or differing 90° in Longitude or Right Ascension.

" ☿ Opposition, or differing 180° in Longitude or Right Ascension.

(For explanation of Astronomical terms, see Almanack for the year 1848.)

## SIGNS OF THE ZODIAC.

Spring Signs	{ 1 ♈ Aries	Autumn Signs	{ 7 ♎ Libra
	{ 2 ♉ Taurus		{ 8 ♏ Scorpio
	{ 3 ♊ Gemini		{ 9 ♐ Sagittarius
Summer Signs	{ 4 ♋ Cancer	Winter Signs	{ 10 ♑ Capricornus
	{ 5 ♌ Leo		{ 11 ♒ Aquarius
	{ 6 ♍ Virgo		{ 12 ♓ Pisces

## LAW TERMS, 1851.

As Settled by Statutes 2 George IV., 1 William IV., cap. 70, s. 6 (passed July 23rd, 1830), and 1 William IV., cap. 3, s. 2 (passed December 23rd, 1830).

Hilary Term ..	Begins January 11	Ends January 31
Easter Term ..	" April 15	" May 13
Trinity Term ..	" May 27	" June 17
Michaelmas Term ..	" Nov. 2	" Nov. 25

## UNIVERSITY TERMS, 1851.

### OXFORD.

TERM.	BEGINS.	ENDS.
Lent ..	January 14	April 12
Easter ..	April 30	June 7
Trinity ..	June 11	July 5
Michaelmas ..	October 10	December 17

The Act, July 1.

### CAMBRIDGE.

TERM.	BEGINS.	DIVIDES.	ENDS.
Lent ..	Jan. 13	Feb. 26, Noon	April 11
Easter ..	April 30	June 1, Midnight	July 4
Michaelmas ..	Oct. 10	Nov. 12, Midnight	Dec. 16

The Commencement, July 1.





MILLARD FILLMORE, PRESIDENT OF AMERICA, BORN JANUARY 7, 1800; BECAME PRESIDENT JULY 10, 1850.

M D		W	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SUN.					MOON.					DURATION OF MOONLIGHT.				HIGH WATER				Day of the Year
				SOUTHS.					SOUTHS.					Before Sunrise.		After Sunset.		AT LONDON BRIDGE				
				Rises.	After 12 o'Clock.	Height above horizon.	Sets.		Rises.	Afternoon	Height above horizon.	Sets.		O'Clock. 2h. 4h. 6h.	Moon's Age.	O'Clock. 6h. 8h. 10h.	Morning.	Afternoon				
				H. M.	M. S.	Deg.	H. M.	H. M.	H. M.	Deg.	H. M.						H. M.	H. M.				
1	W		<i>Circumcision</i>	8 8	3 44	15 1/2	4 0	7 0	11 16	18 3	3 30			29			1 10	1 35	1			
2	Th		Length of day 7h 53m	8 8	4 13	15 1/2	4 1	7 55	Afternoon	16 3	4 17			0			1 55	2 15	2			
3	F		Alpha Andromedæ souths 5h 16m p.m., at an altitude of 66 1/2°	8 8	4 41	15 1/2	4 2	8 43	0 56	17 1/4	5 12			1			2 35	2 55	3			
4	S			8 8	5 8	15 1/2	4 3	9 21	1 44	19	6 11			2			3 15	3 35	4			
5	S		2d S. aft. CHRIST	8 8	5 35	15 1/2	4 4	9 51	2 30	21 1/4	7 13			3			3 50	4 15	5			
6	M		<i>Epiphany</i>	8 7	6 2	16 1/4	4 6	10 21	3 15	24 1/4	8 16			4			4 25	4 40	6			
7	Tu		Polaris on the Meridian at 5h 58m p.m.	8 7	6 29	16 1/4	4 7	10 44	3 58	28 1/4	9 21			5			4 55	5 15	7			
8	W		<i>Lucian</i>	8 7	6 54	16 1/4	4 8	11 5	4 40	32 1/4	10 25			6			5 35	5 50	8			
9	Th		Aldebaran souths 9h 11m p.m.	8 6	7 19	16 1/4	4 9	11 26	5 23	36 1/4	11 31			7			6 10	6 30	9			
10	F		Length of night 15h 56m	8 6	7 44	16 1/4	4 10	11 46	6 41	41 1/4	Morning.			8			6 50	7 10	10			
11	S		Hilary Term beg.	8 5	8 8	16 1/4	4 11	Afternoon	6 51	45 3/4	0 37			9			7 35	8 1	11			
12	S		1st S. aft EPIPH.	8 4	8 32	16 1/4	4 13	0 33	7 39	50	1 46			10			8 35	9 10	12			
13	M		Plough Monday	8 3	8 55	17 1/4	4 14	1 0	8 30	53 1/4	2 58			11			9 45	10 20	13			
14	Tu		Ox. Term begins	8 2	9 17	17 1/4	4 16	1 35	9 25	56 1/4	4 12			12			10 55	11 30	14			
15	W		Capella souths 9h 26m p.m.	8 2	9 39	17 1/4	4 18	2 18	10 24	58 1/4	5 24			13			No Tide.	0 5	15			
16	Th		Length of day 8h 18m	8 1	9 59	17 1/4	4 19	3 14	11 26	58 1/4	6 34			14			0 30	0 55	16			
17	F		Eclipse of Moon 4h 50m p.m.	8 0	10 20	17 1/4	4 21	4 22	Morning.	—	7 36			15			1 20	1 50	17			
18	S		<i>Prisca.</i> Old T. D.	7 59	10 39	18 1/4	4 22	5 40	0 29	57 1/2	8 27			16			2 10	2 35	18			
19	S		2d S. aft EPIPH.	7 58	10 58	18 1/4	4 24	7 1	1 31	54 1/4	9 9			17			3 0	3 25	19			
20	M		<i>Fabian</i>	7 57	11 16	18 1/4	4 25	8 24	2 29	50 1/4	9 43			18			3 50	4 10	20			
21	Tu		<i>Agnes</i>	7 56	11 33	18 1/4	4 27	9 46	3 25	45 1/4	10 11			19			4 35	5 0	21			
22	W		<i>Vincent</i>	7 55	11 49	18 1/4	4 29	11 4	4 17	40 1/4	10 35			20			5 25	5 50	22			
23	Th		Pollux souths 11h 25m p.m.	7 54	12 5	19 1/4	4 31	Morning.	5	8 35 1/4	10 58			21			6 10	6 35	23			
24	F		Length of night 15h 20m	7 53	12 20	19 1/4	4 33	0 20	5 57	30 1/4	11 23			22			7 0	7 25	24			
25	S		<i>Convers. St. Paul</i>	7 51	12 35	19 1/4	4 35	1 32	6 45	26 1/4	11 47			23			7 50	8 20	25			
26	S		3d S. aft EPIPH.	7 50	12 48	19 1/4	4 37	2 44	7 34	22 1/4	Afternoon			24			8 55	9 35	26			
27	M		Castor souths 8h 55m p.m.	7 48	13 120	4 39	3 51	8 23	19 1/4	0	0 50			25			10 5	10 45	27			
28	Tu		Sirius souths 10h 8m p.m.	7 47	13 13	20 1/4	4 40	4 53	9 13	17 1/2	1 22			26			11 20	11 40	28			
29	W		Precyon souths 10h 57m p.m.	7 45	13 24	20 1/4	4 41	5 49	10 2	17 1/2	2 14			27			No Tide.	0 30	29			
30	Th		<i>K. Chas. I. Mar.</i>	7 44	13 34	20 1/4	4 43	6 38	10 51	17 1/2	3 6			28			0 55	1 25	30			
31	F		Hilary Term ends	7 43	13 43	21 1/4	4 45	7 20	11 39	18 1/2	4 4			29			1 45	2 5	31			



# JANUARY.

DESCRIPTIONS OF THE TWELVE MONTHS, BY THOMAS MILLER.



A wrinkled, crabbed man, they picture thee,  
Old Winter; with a rugged beard, as grey  
As the long moss upon the apple-tree  
Blue-lipt, an ice-drop at thy sharp, blue nose;  
Close muffled up, and on thy dreary way  
Plodding alone through sleet and drifting snows —SOUTHEY

JANUARY comes with his awakening hand, and shakes grey-bearded old Winter in his chilly sleep, causing the icicles, which bind him down, to rattle again, while breathing into his frozen ear tidings that the days are lengthening, and bidding him hold himself in readiness to rise and make room for the tender snowdrops, which are already forcing their way through the earth his cold form presses down. How wearisomely would the year pass away, but for these changes!—but for the opening and shutting of the days—the coming and going of flowers—the arrival and departure of birds—the ever-varying races of insects—the wan coldness of Winter and the ruddy warmth of Summer—all giving to the year forms which correspond with our own changing existence! Hence we have the green and pleasant Childhood of Spring, the full and flowery Youthfulness of Summer, the ripe and fruitful Manhood of Autumn, and the garnered Old Age of Winter—not the “wrinkled, crabbed man,” in the opening of the beautiful sonnet which heads our present month, but such as forms the conclusion, as:—

They should have drawn thee by the high-beamed hearth,  
Old Winter! seated in thy great-armed chair,  
Watching the children at their Christmas mirth  
Or, circled by them, as thy lips declare  
Some merry jest, or tale of murder dire,  
Or troubled spirit that disturbs the night  
Pausing at times to rouse the mould’ring fire,  
Or taste the old October, brown and bright.

Still, there is something joyous and bracing in the cold air of Winter, to those who are fond of out-of-door exercise; it sets the blood dancing merrily through the veins, and gives to the cheeks a colour which rivals the rich red of the apple-blossom. Only watch a parcel of boys snow-balling each other, and see what a summer-like glow there is on every countenance. They feel not the cold, unless

it be now and then a slight tingling at the finger-ends; and this they soon get rid of, by beating their hands lustily against their sides: rely upon it, this is better for their health than sitting doubled up, like old men of eighty, by the fireside. Give them a thick comforter round their necks, a pair of warm worsted gloves, see that their boots are also well laced, then bundle them out into the open air, and let Winter stamp their cheeks with his rosy fingers.

Supposing they go a few miles away, to see a coursing-match, or the hounds throw off, where’s the harm? or even if they have got a gun out “on the sly,” why let them blaze away: all these things will save Doctor’s bills, expand their chests, and lay the foundation of a life of “green old age.” Every country-lad believes that hares and rabbits were made to be hunted and eaten: how can they think otherwise, when they see their elders so eagerly pursuing them? They are inspired with the spirit of hunting from the first hour when they see the ferrets let loose in the barn, and stand breathless watching the slightest stirring of the straw, which is the signal that the rats are on the move. Then comes a wider chase—the removal of a stack in the field or rick-yard, leaving a whole colony of vermin houseless, and causing them to run no end of ways for very life, while every boy in the village is hallooing—every mongrel barking with all his might—and an hundred sticks going like one, and pounding rats and mice “and such small deer” into paste.

Talk about poaching, bah! every lad who has the chance is a poacher; we ourselves were, soon after we were thrust into our first suit of corduroy. We well remember the first leveret our mongrel killed, and what delight danced about our heart at witnessing the act: true, it was on a wild waste of common-land, such as had never been cultivated since the first morning sun broke upon it; and we, in our boyish simplicity, believed that we had as much right to the bosky solitude as the proudest earl that ever broke its echoes with the sound of his bugle-horn. We would not have stolen into Squire A——’s preserves for the world;



a lamb or a chicken, or any thing that was really his, we coveted not, but as neither the hares nor the rabbits that run in the wilds were his or any other man's property, we caught them wherever we could. And so will they be caught when we are dead and gone, unless the blood-stained Game-Laws are altered. Poachers will be shot, and the brains of gamekeepers scattered about, while ever this contention exists; neither has any one living man a right to the wild game that runs free over the heaths, downs, commons, and unenclosed wolds and moorlands of Great Britain, free as when they were first formed by the Creator—they are, and ought to be, the property of all. Private parks, preserves, and cultivated estates are different. Look at the prison returns, at what the chaplains of jails have stated: you cannot convince a man that killing wild game in the open waste country is a crime. They would not even touch a pigeon if they knew it had an owner; but hares and rabbits, that are here to-day and far away to-morrow, they will never believe can be the personal property of any one, until caught. By Heaven, it makes our very blood rebel, when we think of the many beautiful wives that have been left husbandless, children fatherless, and parents childless, through these sanguinary and merciless Game-Laws. What a red catalogue it would be, that enumerated the names of all whose blood they have caused to be spilt. Why does not friend Bright move for such a return, extending over the last half-century?

If our law-makers think that the killing and eating of either rabbit or hare lies heavily on the consciences of the peasantry, they are woefully mistaken. Old Betty Bowser, who attends church regularly, will not boggle at placing the hare her son Bill's lurcher killed on her form, comfortably in the iron pot, between layers of mealy potatoes and onions, and reading her well-thumbed Bible, while puss simmers gently on the hob for two or three hours. We are no advocates of poaching, but we do feel that it is wrong for the rich to monopolise the game on all the waste lands and wide open breezy wolds of England, and contend that these and large portions of our old rivers ought to be free to all, even the raggedest urchin that wanders with his half-starved and ugly cur at his heels.

Sommerville, in his "Field Sports," even while "toadying" to the "Gentlemen of England," cannot rein in the poetical spirit which is carrying him away, but is compelled to admit that even the poor enjoy rural sports equally with the rich, although their share of the sport is only to look on. He says:

Observe the attentive crowd; all hearts are fixed  
On this important war, and pleasing hope  
Glow in each breast. The vulgar and the great,  
Equally happy now, with freedom share  
The common joy. The shepherd-boy forgets  
His bleating charge; the labouring hind lets fall  
The grain unsown—in transport lost, he robs  
The expecting furrow; and in wild amaze  
The gazing village stands.

Although this extract alludes to Falconry, it applies equally to all other rural sports, and is a true picture of the interest the peasantry take in all such recreations. Thank God! we have now no such scenes as Pope describes in his "Windsor Forest," where

A beast or subject slain  
Were equal crimes in a despotic reign—  
Both doom'd alike, for sportive tyrants bid;  
But while the subject starved, the beast was fed.

Hare-coursing on a fine frosty day is a glorious recreation. There ought not to be any snow on the ground. It is a sport that both horsemen and pedestrians can enjoy, as the turnings are often made in sight, in a fine open country. A wild wide heath is a beautiful spot to select, with patches of gorse here and there, and straggling clumps of bushes. Those who sneer at coursing ought not to forget that it is a classical sport, and was followed by the ancient Greeks and Romans.

Look at that brace of greyhounds in the leash: saw ye ever anything more beautiful? "the speed of thought is in their limbs; no antelope was ever seen lighter of foot than they are, no doe more graceful, no race-horse more perfectly built for running: look at their fore-legs, they are straight as arrows; their loins bent like the bow Diana herself bears; their necks elastic as a swan's; their ears long and soft as silk purses; their heads sharp as a snake's, and their eyes bold, bright, and beautiful as a mountain maid's when she first recognises the form of her lover through the golden mist; and their chests are broad and full as Donald's, who, wrapp'd in his plaid, comes to return her greeting. When at full speed they cover the ground like the shadow of a graceful branch, tapering away until it is invisible like their tails, which honest Mat Prior must have been thinking about when he wrote the so-often-quoted line of

Fine by degrees, and beautifully less.

True he applies it to the bosom and graceful waist of a lady, the only object in creation we can place above the beauty of a greyhound, especially such as one of those we have now in our eye, so alike, that one could not be distinguished from the other, saving for the collar, which the laws of coursing require one should wear when there is so close a resemblance between them, as if they had grown together,

Like to a double cherry, seeming parted,  
But yet a union in partition—  
Two lovely berries moulded on one stem; SHAKESPEARE.

and, above all, of that rich fawn-colour which we so much admire. Look how the beautiful creatures tug at the leash, all eye, all ear.

Hush! hark! that "Soho" comes from the finder; there the hare goes—a true racer by the build of her, she steals away and does not appear to be much alarmed. The dogs have heard the "Soho;" they see the hare—look how they rear up and tug at the leash. The judge has his calm eye on poor puss, he will at least give her fourscore yards start, and his practised eye can measure the ground almost to a yard. Look how steadily both the dogs bear on the collar. The word "Go" is given, and just "at the self-same beat of Time's grey wings" they are off together, nose to nose, ear to ear—there is not the thickness of a walking-stick between them in distance at the moment of starting. Now the hare pricks up her ears—she caught the halloo given when the slipper started them. Danger and death dog thy heels, poor hare; and unless thou shouldst reach yonder distant covert, seen dimly from hence, thy fate is sealed. How they gain upon her, how they cover the ground! They seem to touch her: one has overshot himself and she is turned; he must have been some distance ahead to keep the lead as he still does, or he would have driven the hare into blue-collar's mouth. See! she is making back to the covert whence she was first started: this the inside dog perceives, by the short cut he is making—that is hardly fair, my fine fellow, although you will gain a point by your policy. Well done! he has got the lead by that manoeuvre, and blue-collar is now behind, though he has followed her fairly and not missed a yard of ground she went over, excepting when he overshot himself. Hurrah! blue-collar gains on the other dog, and see he has turned her again; he is the swiftest and the stoutest dog, for at that speed such sudden turning must be distressing—no race-horse in the world could jerk round so instantaneously—it is done before one has time to say "It lightens." Now they are doubling back; there are fences for you—saw you ever so clear a leap? That was no wrench, but a fair turn—the third blue-collar has made. Where is the hare making to? if to yonder high old hawthorn hedge, and she has a run only known to herself, she will escape, unless the gap is large enough for the dogs to creep through it. That old, high, thick, long hedge has never been cut within the memory of man, and there is neither horse nor dog in the world able to clear it. It is as we expected; she has escaped—there is no kill, and there the course is ended—the point's in favour of blue-collar beyond all doubt, whether the prize be for a silver collar, a cup, or five hundred good pounds. We will not trouble our readers with an explanation of all the technical phrases used in hare-coursing, beyond stating that the points are "A go-by, a cote, a turn, a wrench, a tripping, a jerking, and a hill of merit;" as some of these appear to be synonymous, and the true meaning of one or two is doubtful, being as old at least as the time of Queen Elizabeth, we can only refer our readers to the rules of Mr. Thacker, which are acknowledged to all coursers to be the fairest clearest, and most satisfactory that were ever drawn up.

Although, during the past Winter, the North of England and some parts of Scotland were rendered impassable by heavy falls of snow, yet, when compared with such as Hogg describes in his "Shepherd's Calendar," it seems as if the old Winters had for ever fled. He makes mention of a snow-storm which drifted to such a depth in the mountain passes as almost to have reached to the tops of the trees. For thirteen days and nights did the snow fall without ceasing, causing hundreds of sheep to sink into a heavy, cold, motionless sleep, from which they never again awoke—that so many died, walls were made of their dead bodies, to screen those from the cold which remained alive—that whole flocks were buried beneath the snow, and no one could tell where they were lost until the drift melted away, when the bodies were found with the heads all turned one way. "Numbers," he says, "were swept away by the floods which followed, and near one place, at a stoppage in the river, nearly two thousand sheep and one hundred and eighty hares were found dead. Shepherds went about," he tells us, "boring into the snow with their long poles, and scarcely found a single sheep in a quarter of an hour; until, at last, a shepherd dog seemed clearly to understand what they were searching for, and running about upon the snow, he began to scratch and look at the shepherds, as if to draw their attention to him, and in every spot he pointed out they found a sheep beneath, and through the assistance of the dog were enabled to save two hundred, which, without his sagacity, must have been lost."

There is something very solemn in the appearance of a country covered with snow on a cloudy day, especially if you look over some point of it that is uninhabited; for there are none of those sounds heard, or rural objects seen, which float and move the same scene in Summer. The birds are either silent or hidden, and the cattle which gave such a charm to the landscape are driven from the fields. You miss the figures that dotted the scenery while following their rural employments; scarce a whistle or a shout are heard amongst the woods and hills; the voices of the children are silent in the green lanes, and the echo of a gun only seems to make the stillness more solitary, after it has died away. Nor is it less interesting to watch the snow falling upon the face of a river: to see flake after flake settle down, float along for a brief second, and then dissolve for ever; or to see the large flakes descend in seeming lines across each other, while two come in contact, cling together, then fall softly to the ground. Sometimes you see a countryman, in his heavy-nailed boots, pause to kick off the hard "cakes" of snow which have clung to his boot-soles, or notice the lumps lie on the highway after he has shaken them off, with the mark of every nail stamped upon them. All these are little morsels of the great Picture of Winter out of doors; while within

The cottage-hind  
Hangs o'er the enlivening blaze, and tattleth there  
Recounts his simple frolic: much he talks,  
And much he laughs, nor reckes the storm that blows  
Without, and rattles on his humble roof.

THOMSON.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## JANUARY.

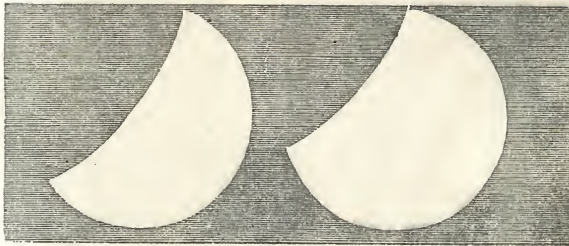
THE SUN is situated south of the Equator, or he has south declination, and is in the sign Capricornus (the Goat) till the 20th, having been in that sign 29 days 10 hours 30 minutes. On this day, at 2h. 8m. P.M., he enters the sign Aquarius (the Water-bearer).

On the 1st day he is 93,412,000 miles from the earth. He rises on the 1st at a point situated 3° S. of the S.E. by E., and on the 16th at the S.E. by E.; and he sets on the same days at 3° S. of the S.W. by W., and at the S.W. by W. points of the horizon.

The Moon is in the constellation Sagittarius till the 3rd, on which day she passes into Capricornus; on the 5th, into Aquarius; on the 7th, into Pisces; on the 10th, into Cetus; on the 11th, into Aries; on the 12th, into Taurus; on the 15th, into Gemini; on the 17th, into Cancer; on the 18th, into Leo; on the 21st, into Virgo; on the 24th, into Libra; on the 25th, into Scorpio; on the 26th, into Ophiuchus; on the 28th, into Sagittarius; and on the 31st, into Capricornus.

On the 17th there will be an eclipse of the Moon: it commences at 40m. after 3 in the afternoon; the middle of the eclipse will be at 10 minutes to 5; and it will end at 6 o'clock. By reference to the opposite page, the Moon rises at 4h. 22m., being 42 minutes after the beginning of the eclipse; she therefore rises partially eclipsed, and she will scarcely be seen, particularly in the western parts of the country, till about the middle of the eclipse. The annexed diagrams shew her appearance at this and subsequent times till near the end of the eclipse.

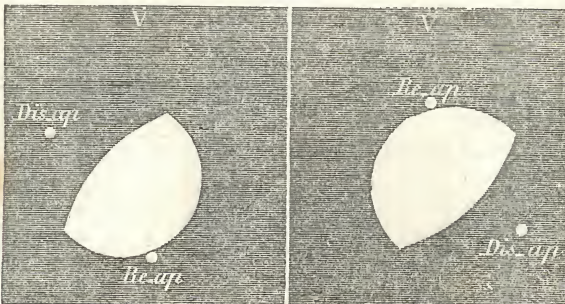
APPEARANCES OF THE MOON DURING HER ECLIPSE ON JANUARY 17, 1851.



She is above the horizon when the Sun is below, during the morning hours, from the 13th to the 27th; and during the evening hours, from the 3rd to the 17th. She is at her extreme south declination on the 2nd; on the Equator on the 9th; at her extreme north declination on the 16th; a second time on the Equator on the 22nd; and again at her extreme south declination on the 29th.

She is near Mars on the 1st; Mercury on the 4th; Saturn on the 10th; Uranus on the 11th; Aldebaran on the 20th; Jupiter on the 23rd; Venus on the 28th; and Mercury and Mars on the 30th.

OCCULTATION OF XI 2 CETI, JANUARY 11, 1851, AS SEEN THROUGH A TELESCOPE WHICH

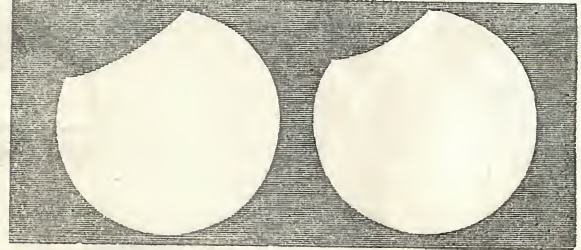


The star disappears at the dark limb of the Moon at 10h. 34m. P.M., and reappears at the bright limb at 11h. 34m. P.M.

MERCURY is in the constellation Capricornus till the 24th; and on the 25th he enters Sagittarius.

He rises after the Sun till the 21st, and before the Sun from the 22nd. On the 28th he rises at 6h. 47m., being one hour before sunrise, and on the last day he rises at 6h. 32m., being 1h. 11m. before the Sun.

APPEARANCES OF THE MOON DURING HER ECLIPSE ON JANUARY 17, 1851.



He sets after the Sun till the 23rd, at 5h. 25m. on the 1st; at 5h. 45m. on the 6th; at 5h. 50m. on the 9th; at 5h. 49m. on the 12th; at 5h. 40m. on the 15th; at 5h. 21m. on the 18th; and on the 21st, at 4h. 54m. Till the 18th day the times of setting exceed one hour after sunset; and between the 7th and 12th, the intervals of time are nearly 1½ after sunset. He is therefore favourably situated for observation after sunset till the 18th, and before sunrise from the 28th. The best times are from the 3rd to the 15th, after sunset.

He rises midway between the E.S.E. and S.E. by E., and sets midway between the W.S.W. and S.W. by W. points of the horizon. He is moving eastward among the stars till the 12th, is almost stationary among them till the 14th, and then moves westward. He reaches his greatest eastern elongation on the 6th; is in Perihelion on the 13th, and is near the Moon on the 4th and 30th. For his path in the heavens see the diagram in next month; and by comparing his place in this diagram on January 30 with that of Mars as shewn in the diagram in March on the same day, it will be seen that their position with respect to Alpha Capricorni is nearly the same, and, therefore, that the planets are near together.

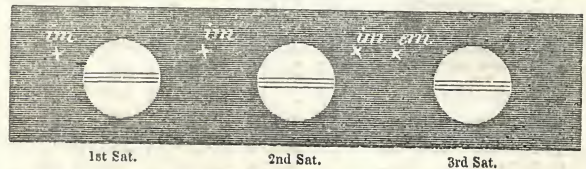
VENUS is in the constellation Ophiuchus throughout the month. She shines with great brilliancy as a morning star, and rises before the Sun on the 1st at 5h. 58m. A.M., and on the last day at 4h. 34m., midway between the E.S.E. and S.E. by E. points of the horizon. She is almost stationary among the stars at the beginning of the month, and moves eastward among them afterwards. She is in Perihelion on the 13th, and is near the Moon on the 28th. For her path in the heavens see the diagram in next month.

MARS is in the constellation Sagittarius throughout the month. He rises and sets during the month a little before the Sun, and is unfavourably situated for observation. He is moving eastward among the stars, and is near the Moon on the 1st and the 30th. For his path in the heavens see the diagram in March.

JUPITER is in the constellation Virgo till the end of the month. He is a morning star, and rises at the E. by S. point of the horizon, on the 1st day at 1h. 7m. A.M., and on the last day at 11h. 20m. P.M. He moves very slowly eastward among the stars, and is near the Moon on the 23rd. He souths at an altitude of 31½° on the 1st, and of 31° on the last day.

JUPITER'S SATELLITES.—Several emersions of the first and second Satellites are visible. The relative position of the Satellites to Jupiter at the instant of the eclipse is shewn in the annexed diagram, as viewed through an inverting telescope.

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION OR EMERSION.



(Continued on page 15.)

TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.							JUPITER'S SATELLITES.						OCCULTATIONS OF STARS BY THE MOON.						
Days of the Month.	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Neptune.		Names of the Stars.	Magni- tude.	Times of disap- pear- ance & re-ap- pear- ance of the Star.	At which Limb of the Moon.	Between what Latitudes visible.		
	Afternoon.	Morning.	Afternoon.	Morning.	Afternoon.	Morning.	Afternoon.	Morning.	Afternoon.	Morning.	Afternoon.	Morning.							
1	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	Psi 1 Aquarii	5	{ 7 6 4 P.M.	Dark	80° N. & 80° N.	10 27	
6	1 23	10 24	11 24	6 38	6 14	3 46	8 5	0 A.M.	11 2	1 A.M.	18 4	31 A.M.							
11	1 21	9 46	11 18	6 2	5 36	3 8	17 1	22 A.M.	24 3	15 A.M.	31 5	9 A.M.	Xi 2 Ceti	4	{ 11 10 34 P.M.	Dark	10° N. & 84° N.	10 21	
16	0 57	9 33	11 15	5 44	5 17	2 49	24 3	15 A.M.	24 3	15 A.M.	31 5	9 A.M.							
21	0 17	9 22	11 12	5 26	4 58	2 29	31 5	9 A.M.	26 0	22 A.M.			Chi 3 Orionis	5	{ 15 5 38 P.M.	Bright	80° N. & 13° N.	10 18	
26	Morning	9 14	11 8	5 7	4 40	2 10													
31	10 58	9 9	11 5	4 48	4 21	1 52							GS Orionis	6	{ 15 10 49 P.M.	Dark	82° N. & 15° N.	10 14	
													d Cancri	6	{ 17 11 10 P.M.	Bright	14° N. & 87° N.	10 10	

TIMES OF CHANGES OF THE MOON, And when she is at her greatest distance (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.

Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.	
	Right Ascension.	Declination South.	Right Ascension.	Declination South.	Right Ascension.	Declination South.	Right Ascension.	Declination South.	Right Ascension.	Declination North.	Right Ascension.	Declination North.	Right Ascension.	Declination South.
NEW MOON ..	2d. 10h. 44m. A.M.													
FIRST QUARTER ..	10 4 21 P.M.													
FULL MOON ..	17 4 42 A.M.													
LAST QUARTER ..	24 8 17 A.M.													
APOGEE ..	6 4 A.M.													
PERIGEE ..	18 2 P.M.													



# FEBRUARY.



MARIA DA GLORIA, QUEEN OF PORTUGAL, BORN APRIL 4, 1819; ASCENDED THE THRONE MAY 2, 1826.

		SUN.					MOON.					DURATION OF MOONLIGHT.					HIGH WATER, AT LONDON BRIDGE.				Day of the Year	
M	D	ANNIVERSARIES, OCCURRENCES, FESTIVALS, &c.	SOUTH.					SOUTH.														
			Rises.	After 12 o'Clock.	Height above horizon.	Sets.	Rises.	Morning.	Afternoon.	Height above horizon.	Sets.	Afternoon.	Before Sunrise.	O'Clock. 2h. 4h. 6h.	Moon's Age.	After Sunset.	O'Clock. 6h. 8h. 10h.	Morning.	Afternoon.			
			H. M.	M. S.	Deg.	H. M.	H. M.	H. M.	Deg.	H. M.							H. M.	H. M.	H. M.			
1	S	Pheasant and Partridge shooting ends.	7 41	13 52	21 1/4	4 47	7 56	0 27	20 1/4	5 4							2 25	2 40	32			
2	S	Purifi. Can. D.	7 40	14 02	21 1/4	4 49	8 24	1 12	23 1/2	6 7							3 0	3 20	33			
3	M	Blaise	7 38	14 7	22 1/4	4 50	8 49	1 56	27	7 12							3 35	3 50	34			
4	Tu	Alpha Arietis south 5h 1m P.M.	7 36	14 13	22 1/4	4 52	9 11	2 38	31	8 11							4 5	4 20	35			
5	W	Agatha	7 34	14 18	22 1/4	4 54	9 30	3 20	35 1/4	9 20							4 35	4 50	36			
6	Th	Pleiades south 6h 33m P.M.	7 32	14 23	22 3/4	4 56	9 51	4 33	39 1/4	10 26							5 5	5 25	37			
7	F	Length of day 9h 27m	7 30	14 26	23 1/4	4 57	10 12	4 46	44	11 32							5 40	5 55	38			
8	S	Half-Qu. Day	7 29	14 29	23 1/4	4 59	10 35	5 31	48 1/4	Morning.							6 15	6 35	39			
9	S	5th S. aft EPIPH.	7 27	14 31	23 3/4	5 0	11 0	6 19	52	0 40							6 55	7 15	40			
10	M	Queen Victoria married, 1840	7 25	14 32	24 1/4	5 2	11 30	7 11	55 1/2	1 51							7 40	8 10	41			
11	Tu	Day breaks 5h 29m A.M.	7 24	14 33	24 1/4	5 4	Afternoon	8 6	57 3/4	3 3							8 50	9 25	42			
12	W	Twilight ends 7h 0m P.M.	7 22	14 32	24 3/4	5 6	0 55	9 5	58 3/4	4 11							10 5	10 45	43			
13	Th	Day increased 2h 4m	7 20	14 31	25 1/4	5 8	1 56	10 6	58 1/4	5 16							11 30	No Tide.	44			
14	F	St. Val. O. C. D.	7 18	14 29	25 1/4	5 10	3 8	11 8	56 1/2	6 10							0 5	0 35	45			
15	S	Aldebaran south 6h 46m	7 16	14 26	25 3/4	5 12	4 29	Morning.	—	6 58							1 5	1 35	46			
16	S	SEPTUAGESIMA	7 14	14 23	26 1/4	5 14	5 53	0 9	53	7 35							1 55	2 25	47			
17	M	Capella south 7h 17m P.M.	7 12	14 19	26 1/4	5 16	7 15	1 8	48 1/4	8 8							2 50	3 15	48			
18	Tu	Rigel south 7h 14m P.M.	7 10	14 14	26 3/4	5 18	8 40	2 4	43	8 35							3 35	4 0	49			
19	W	Length of day 10h 11m	7 9	14 9	27 1/4	5 20	10 0	2 57	37 3/4	8 59							4 20	4 40	50			
20	Th	Sirius south 8h 33m P.M.	7 7	14 2	27 1/4	5 21	11 17	3 49	32 1/2	9 25							5 5	5 25	51			
21	F	Length of night 13h 42m	7 5	14 56	27 3/4	5 23	Morning.	4 39	27 3/4	9 50							5 45	6 5	52			
22	S	Castor south 9h 16m P.M.	7 3	13 48	28 1/4	5 25	0 32	5 29	23 1/4	10 17							6 30	6 50	53			
23	S	SEXAGESIMA S.	7 1	13 40	28 3/4	5 27	1 42	6 19	20 3/4	10 50							7 15	7 40	54			
24	M	St. Matthias	6 59	13 32	29 1/4	5 29	2 47	7 9	18 1/4	11 28							8 10	8 45	55			
25	Tu	Procyon south 9h 3m P.M.	6 56	13 22	29 1/4	5 30	3 46	7 59	17	Afternoon							9 25	10 5	56			
26	W	Camb. Term div.	6 54	13 11	29 3/4	5 32	4 36	8 48	17	1 1							10 45	11 25	57			
27	Th	Pollux south 9h 4m P.M.	6 52	13 2	30 1/4	5 34	5 20	9 37	17 3/4	1 58							No Tide.	0 5	58			
28	F	Length of day 10h 46m	6 50	12 51	30 1/2	5 36	5 56	10 24	19 3/4	2 57							0 40	1 5	59			





Thou lingerest, Spring : still wintry is the scene;  
The fields their dead and sapless russet wear ;  
Scarce does the glossy celandine appear  
Starring the sunny bank, or, early green,  
The elder yet its circling tufts put forth.—SOUTHEY.

FEBRUARY looks out with its leaden-coloured sky from between the trees in the beautiful Engraving which our talented Artist has sketched for the heading of the present month : the fallow field, with its brown barren ridges, tells us that even the celandine has not yet bared its golden bosom to the sun, and that what little is seen of the daisies resembles dark green beads, scattered carelessly among the low, thin grass. It is the month in which Nature begins to awaken, in which she yawns, and blinks, and feels about as if trying to find a flower or two ; in which she rubs her arms and finds that they are becoming a little rougher through the bursting of the buds, and through her "dazed vision" catches glimpses of the dim green of the elder, and feels at times a warmth upon her cheeks which tells her that she is not forgotten by the sun. At times one may fancy that we hear Spring sighing somewhere, as if she longed to be set free, but was still retained a prisoner ; that it was on some cold day in this month when she first formed the snowdrop, as her warm breath blew through the bitter wind and gave the form of the flower to some falling snow-flake, which, impregnated by her flowery lips, fell, and took root in the earth ; and that ever after she sent the little flower as her herald to Winter, to tell him that the time of his departure was at hand, thus making it the

Pensive monitor of fleeting years.—WORDSWORTH.

Still this dreary season has charms for the sportsman, and we will now carry our readers away to the wild water-courses, and melancholy meres which run and expand over wide marshes and reedy fens, where the bittern booms, and the heron stands solitary and silent for hours, while the tufted plover flies with a wailing sound over the lonely landscape. In the low fens of Lincolnshire and Cambridgeshire, where wildfowl are most plentiful, there are hundreds of acres of land covered only with reeds and rushes and broad water-flags ; between which deep sluices boil and murmur as they hasten on with headlong speed to empty themselves into some neighbouring river ; and as the deep waters roll and tear along, they rock the black bulrushes and the tufted reeds, and give a wavy and dreamy motion to the overhanging willows, under which you glide noiseless as death, and making no more sound, as you drop your oar into the deep sullen water, than if you were cleaving a silver cloud with the feather of an eagle. Here and there ever keep rising the full-fed mallard with its head and neck of the richest velvet green, or the delicious teal, which only to mention sets the mouth a watering,

while clouds of lapwings and plovers sweep above the far-stretching forests of reeds, and sometimes the wild swan springs up like a sheeted ghost amid the solitude, and flaps

The clouds away with playful scorn.—BYRON.

And in these lonesome marshes and houseless fens, the sportsman must make up his mind patiently to endure cold and wet, and be content to feed upon the half-frozen sandwiches he carries with him, and to raise his eyes thankfully every time he sips his cheering cognac, blessing the maker of it from his heart, whether he be a Frenchman or an Englishman, and knowing that but for his still he would have to lean over the edge of his punt, and sip the chilly snow-water of the sluice, which only to think of makes one shiver. As for dress, the nearer you approach a sea fisherman's in that the better : huge water-boots you must wear ; and if you never donned flannel before, you will in such scenes, and at such a season, pronounce it as comforting as a couple of extra blankets thrown on the bed on some such bitter night as when the water freezes in your chamber.

The almost noiseless dip of the paddle will sometimes startle these quick-eared inhabitants of the fens and marshes ; and when you are drawing near to the spots which they most frequent, the boat must be pulled along by clutching the overhanging weeds and willows—nor must the sportsman shrink from seizing them, though they are as cold and keen as steel, and seem to cut to the very bone. One handful after another must be grasped and loosed gently, while the boat is drawn along her soundless way ; and if a sharp-edged water-flag, stiff with hoar-frost, smites the cheek like the edge of a sword, it must be borne without a murmur, and not an echo awakened louder than that made by the wind, as it goes whispering through the ever nodding sedge. The dawn of morning and the moonlight of evening must also be taken advantage of by the sportsman, as many of the birds only come into the open spaces which abound in coarse grass to feed at these periods. This, however, is of more importance to wild-fowl shooters on the sea-coast. But, before firing a shot, we must honour our pages with the following beautiful picture, by the American poet, Bryant, o.

A WATER-FOWL.

Whither, midst falling dew,  
While glow the heavens with the last steps of day,



Far through their rosy depths, dost thou pursue  
Thy solitary way?

Vainly the fowler's eye  
Might mark thy distant flight to do thee wrong,  
As darkly painted on the crimson sky,  
Thy figure floats along.

All day thy wings have fann'd,  
At that far height, the cold thin atmosphere,  
Yet stoop not, weary, to the welcome land,  
Though the dark night is near.

And soon thy tolls shall end,  
Soon shalt thou find a summer-home, and rest  
And scream among thy fellows; reeds shall bend  
Soon o'er thy shelter'd nest.

This is indeed the true word-painting of poetry, in which every touch bespeaks a master-hand.

Hold! and we will try a shot at yonder heron which seems standing in a deep study on the little rounding ledge that projects beyond the background of reeds. That bird will stand for hours motionless as a monument, fixed as a mile-stone—so still that the young fry swim to and fro over his shadow in the water as if it were the stem of a tree, or a clump of reeds mirrored therein. He appears to regard them not, although his bright piercing and immovable eye is awake to every motion, for well he knows that their full-grown fathers and mothers will soon venture amongst them to see how they are behaving themselves. He is right; anon they come, when quick as thought the father of the family is in his long bill, where he has no more chance of escape than a rat in a new sharp-toothed trap; the mother and her plump sisters are perhaps at the same moment writhing under his feet, from which escape is also hopeless, such secure hold has he with his saw-like centre claws.

Bang! there he goes, he little dreamed we were so near at hand; his rich plumes are already dabbled with mud. Keep back the dog, on your life, unless you want the bill of the dying heron to be driven through his brain: you know not what danger there is in approaching him, his dying struggles are like a giant's; were you near enough, and he had the chance, he would plunge his keen bill into you with as much force as the arm of a strong man would drive a dagger into your body. The only safety is as we have him now—the foot planted on his neck, like conquerors of old.

The bittern is also a dangerous bird to approach when wounded, and very difficult to shoot, wheeling round rapidly as it rises; and when it has reached a considerable altitude, off it goes, straight ahead, like a shot. No more dolorous sound can be heard in the fens on a dimly dark night than the boom of the bittern. Milton might have made his fallen angels imitate it, from their "innumerable tongues," when Satan

Would have spoke,  
But hiss for hiss return'd with forked tongue  
To forked tongue.

Colonel Montague, in his "Ornithological Dictionary," says, "It is like the interrupted bellowing of a bull, but hollower and louder, and is heard at a mile distance, as if issuing from some formidable being that resided at the bottom of the waters.

That shot at the heron has startled all the wild-fowl for a full mile round, so we must make our way deeper into the fen, through these extended armies of rushes, that stand like ranged soldiers, bowing their heads to their commander as he passes. In many places the edges of these banks will shine like bosses of gold a month or two hence, when the huge marsh marigolds are in flower, and many a rare aquatic plant may then be found here, which you might wander weary leagues in search of in vain elsewhere. The white stem of that pollard in the distance looks like the ghost of some old fen-man, which has risen up from the deep hole in which he was drowned hundreds of years ago, to oppose our further passage. See, out there, how the eddies boil round and round! That spot cannot be fathomed. I only know another like it, and that is in the river Mole, behind the Academy at Leatherhead. There, underneath the shadows of the tall trees, the proprietor assured us that he had endeavoured in vain to find a bottom.

We are now viewing a likely spot for finding wild ducks; a fen-boy knows how to distinguish them from tame ones, by their black claws. We will land here: keep the dogs behind—for the present they will be more useful in fetching than finding—for here "they most do congregate." Here they come against the wind, and fortunate we are that they fly so low. Aim a little ahead. There you go, my beauties, head foremost! and your sleek, speckled-bosomed dames are following you, topsy-turvy. What a scattering of rainbow-hued plumage! Saw ye ever an emerald richer than the colour of this mallard's neck; look also at this ring, white as ivory. Ah, Ponto, you may wag your tail—you know no better: we do; and hardly know whether or not we have a right to deprive these beautiful creatures of life, under the plea that we are the "Lords of Creation."

After all, they are not equal to the teal in flavour, although he is the smallest of the whole duck tribe, and the most difficult to kill. He seems to think that his safety depends upon flying as low as possible; and, when started, will content himself with skimming over the surface, where he becomes a sure mark. Col. Hawker says, "If you spring a teal, he will not rise up and leave the country, like a wild duck, but most probably keep along the brook, like a sharp-flying woodcock, and then drop suddenly down; but you must keep your eye on the place, as he is very apt to get up again, and fly to another, before he will quietly settle. He will frequently, too, swim down stream, the moment after he drops; so that if you do not cast your eye quickly that way, instead of con-

tinuing to look for him in one spot, he will probably catch sight of you, and fly up, while your attention is directed to the wrong place."

All diving birds are hard to shoot, for they are so quick of sight, that the instant the flash of the gun is seen they are under water; this is called "ducking the flash," and the surest plan to kill is to aim under, instead of at them. Nor are they easily killed, but will stand some pretty hard knocks before they fall, unless they happen to be struck on the head, or winged.

Widgeons and dun-birds are now so common, that it would but be a waste of space to dwell upon the means adopted for their capture. Decoys are now generally used; and in one pond in Essex, as many dun-birds were taken at one "drop" as filled a waggon, and so densely were the birds crowded together in the pens, that the very weight of the poles and nets which fell upon them squeezed the undermost birds quite flat as they lay upon each other like a "cloud of bees."

To shoot a water-hen or a water-rat is the first exploit of a fen-boy when trusted with a gun; for the water-hen is a rapid diver, so is the water-rat, and both are believed to be so sharp of hearing, that the very sound of the click of the lock reaches them before the shot is fired. Then if the moor-hen chanced to be winged in a field, what a glorious race we had to overtake her: talk of a "lamplighter" running! he moves like a cripple compared with the water-hen.

All who know the pewit or lapwing, with its beautiful crest of feathers, are aware of its manner of darting, jerking, and wheeling on the wing; as an old Lincolnshire fen-shooter used to say, it was as "hard to hit as a gnat." When boys, we captured the young ones by fastening strings round their legs and pegging the string into the ground, leaving the parent birds to feed the little prisoners until they were well penned and ready to be taken; for if we once left them in the nest free until they could run, we seldom saw them again. In our young days they were kept commonly in gardens, their wings cut to prevent their escape; and handsome fellows they looked with the tuft of plumes blowing about their heads. It is said that this bird is so artful, that it will make a noise on the ground like a mole, and that the worm, hearing the sound, mistakes it for his underground enemy, and comes out and is swallowed by the watchful lapwing. Golden and grey plovers, god-wits, coots, water-ralls, and the whole tribe of birds that frequent marsh and mere, rivers and reeds, fens and flats, we must pass over, our only apology being the limits of our page. The wild fens are no longer what they were; the broad beds of reeds and osier-bolts are disappearing, and over some of our once hedgeless Lincolnshire marshes the railway engine now hurries with fiery speed.

Many an old river-bed is now dry, over which the ancient Britons paddled their wicker coracles, or boats covered with the "black bull's hide;" and you now see only the dry high banks upheaving on either hand, and walk in the waterless river-bed, where centuries ago Saxon and Danish vessels sailed. You might in such places fancy that you were wandering through an uninhabited world, or that every trace of those who had formerly lived in those lonely solitudes was swept away. Rude huts overlooking the river, from which, in early days, the skin-clad fisherman watched the huge sturgeon swim, and the black porpoise roll, while the salmon glanced past like a ray of moonlight, as it showed its silvery scales; and where the huge pike darted upon its prey, while the bittern murmured in the marsh, and the plover walked above the willows, and sharp-edged water-flags rustled together and made a melancholy sound, amid the fretting of the waters.

'Twas a wild spot: for there, old legends say,  
In ancient days a rude stone bridge had stood;  
And that two thousand years had pass'd away,  
Since first its arches spann'd the rapid flood.  
And there, they say, the Roman troops pass'd o'er,  
And drove the ancient Britons from the opposing shore.

And huge gigantic blocks, all quaintly wrought,  
Half-buried here and there, still lie around;  
And battle-weapons rude, with which they fought,  
In that old river-bed are often found;  
Bucklers, and bows, and clubs, and dead men's bones  
Have been dug up beneath those mouldering stones.

T. M.

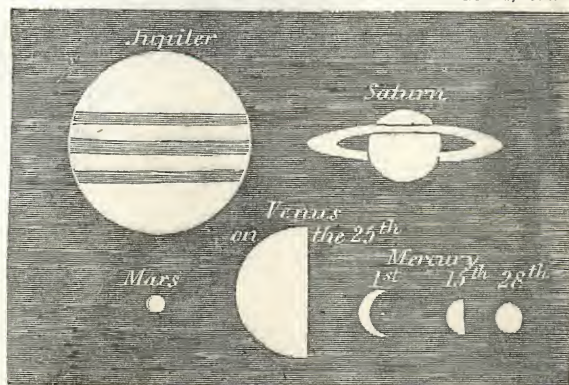
I shall conclude my description of this month with a picture of the Village Carrier, from my "Book of Winter:"—

Lonesome and dreary are many of the places which the old carrier has to pass in winter—the lengthy road between the low fir plantations which a quarter of a century ago was infested by highwaymen—the weary marsh with its long sluice of water which looks as black as ink when the surrounding scenery is covered with snow, and the great frozen reeds and rushes stand up stiffly, and the water-flags looking as if they would cut you with their sharp edges, while the bushes, that bend over the pool, have a cold white forbidding look, making you feel that if you were to fall into the water, you would hardly like to lay hold of the keen, biting, frozen sprays to save yourself, so bitter cold do they appear. We can fancy that the old carrier feels this when returning home by himself on a dismal Winter's night, for he has been heard to remark that the mere in the marsh "would be a nasty place for a man to have a night's lodging in." On dark nights he hangs his lantern at the point of his cart; and if the air is clear and you stand on some embankment, you can see the light, and you fancy for a time that it is stationary, so slowly does he move. And sometimes the wide marshes are flooded; but unless the waters are above what he calls "girth-deep," he still continues his journey to the market-town, for a tree, bush, or post are to his accustomed eye safe landmarks. He can even tell by the depth of the water whether his horses are keeping the right path or not. We have presented him in the pages of the ILLUSTRATED LONDON ALMANACK as a relic of a past age, for the railways will ere long sweep his occupation from the face of the earth.



## FEBRUARY.

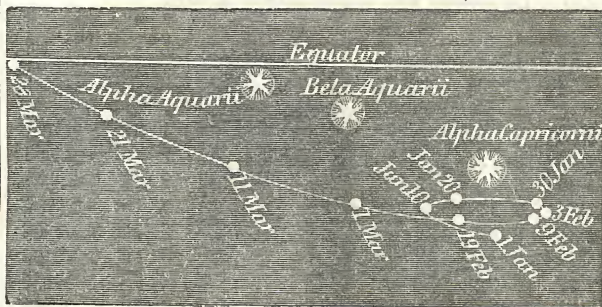
RELATIVE TELESCOPIC APPEARANCE OF THE PLANETS IN FEBRUARY, 1851.



Scale, 40 seconds of arc to one inch.

She is above the horizon when the Sun is below, during the morning hours, from the 10th to the 23rd; and during the evening hours from the 3rd to the 17th.

PATH OF MERCURY FROM JANUARY 1 TO MARCH 31, 1851.



Scale, 24 degrees to one inch.

She is situated south of the Equator till the 6th, when she is on the Equator ;

MAKS is in the constellation Sagittarius till the 4th; and in Capricornus from the 5th to the end of the month. He rises on the 1st at 7h. 2m. A.M., and on the

PATH OF VENUS FROM JANUARY 1 TO MARCH 29, 1851.



Scale, 24 degrees to one inch.

JUPITER is in the constellation Virgo throughout the month. He is a morning star, and rises on the 5th day at 11h. 0m. P.M., and on the last day at 9h. 24m. P.M., at the E. by S. point of the horizon. He is stationary among the stars at the beginning of the month, and begins to move very slowly westward towards the end of the month, and is near the Moon on the 19th. He souths at an altitude

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF  
IMMERSION OR EMERSION.



1st Sat.	2nd Sat.	3rd Sat.
<p>1. <i>Phlox</i> <i>subulnifolia</i> L.</p> <p>2. <i>Phlox</i> <i>paniculata</i> L.</p> <p>3. <i>Phlox</i> <i>paniculata</i> L.</p> <p>4. <i>Phlox</i> <i>paniculata</i> L.</p> <p>5. <i>Phlox</i> <i>paniculata</i> L.</p> <p>6. <i>Phlox</i> <i>paniculata</i> L.</p> <p>7. <i>Phlox</i> <i>paniculata</i> L.</p> <p>8. <i>Phlox</i> <i>paniculata</i> L.</p> <p>9. <i>Phlox</i> <i>paniculata</i> L.</p> <p>10. <i>Phlox</i> <i>paniculata</i> L.</p>	<p>1. <i>Phlox</i> <i>subulnifolia</i> L.</p> <p>2. <i>Phlox</i> <i>paniculata</i> L.</p> <p>3. <i>Phlox</i> <i>paniculata</i> L.</p> <p>4. <i>Phlox</i> <i>paniculata</i> L.</p> <p>5. <i>Phlox</i> <i>paniculata</i> L.</p> <p>6. <i>Phlox</i> <i>paniculata</i> L.</p> <p>7. <i>Phlox</i> <i>paniculata</i> L.</p> <p>8. <i>Phlox</i> <i>paniculata</i> L.</p> <p>9. <i>Phlox</i> <i>paniculata</i> L.</p> <p>10. <i>Phlox</i> <i>paniculata</i> L.</p>	<p>1. <i>Phlox</i> <i>subulnifolia</i> L.</p> <p>2. <i>Phlox</i> <i>paniculata</i> L.</p> <p>3. <i>Phlox</i> <i>paniculata</i> L.</p> <p>4. <i>Phlox</i> <i>paniculata</i> L.</p> <p>5. <i>Phlox</i> <i>paniculata</i> L.</p> <p>6. <i>Phlox</i> <i>paniculata</i> L.</p> <p>7. <i>Phlox</i> <i>paniculata</i> L.</p> <p>8. <i>Phlox</i> <i>paniculata</i> L.</p> <p>9. <i>Phlox</i> <i>paniculata</i> L.</p> <p>10. <i>Phlox</i> <i>paniculata</i> L.</p>

of about  $31^{\circ}$  throughout the month. For his situation in the heavens with respect to bright stars near him, see the diagram in the month of June.

(Continued on page 15.)

Days of the Month.	TIMES OF THE PLANETS SOUTHWING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.				OCCULTATIONS OF STARS BY THE MOON.					
	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Neptune.					
	Morning.	Evening.	Morning.	Evening.	Morning.	Evening.	Morning.	Evening.	Morning.	Evening.	Morning.	Evening.				
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.				
1	10 53	9 8	11 4	4 44	4 18	1 45										
6	10 36	9 5	11 1	4 24	4 0	1 27										
11	10 29	9 3	10 58	4 5	3 41	1 9										
16	10 29	9 3	10 54	3 45	3 24	0 50										
21	10 33	9 3	10 50	3 25	3 6	0 31										
26	10 40	9 5	10 46	3 4	2 48	0 12										
28	10 44	9 5	10 45	2 55	2 41	0 5										
							Eclipses of									
							1st Sat.		3rd Sat.							
							Immersion.		Im. I. Emer. E.							
							D. H. M.	D. H. M.								
							1 11 37 P.M.	2 1 43 A.M. I.								
							7 7 2 A.M.	2 4 19 A.M. E.								
							9 1 30 A.M.	9 5 41 A.M. I.								
							16 3 24 A.M.									
							23 5 17 A.M.									
							24 11 45 P.M.									
							2nd Sat.									
							12 1 31 A.M.									
							19 4 5 A.M.									
							26 6 39 A.M.									
											Names of the Stars.		Magni- tude.	Times of disappear- ance & re-appear- ance of the Star.	At which limb of the Moon.	Between what Latitudes visible.
											b Virginis		5	{ D. H. M. 18 1 2 A.M. 18 2 9 A.M.	Bright Dark	7° N. & 90° N.
											Eta Libræ		4	{ 22 5 11 A.M. 22 6 28 A.M.	Bright Dark	22° N. & 75° N.

TIMES OF THE PLANETS SOUTHWING, OR PASSING THE MERIDIAN.																
Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.			
	Right Ascension	Declination South.	Right Ascension	Declination South.	Right Ascension	Declination South.	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.		
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.		
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.		
NEW MOON ..	1d. 6h.	2m. A.M.	1 19h. 37m	18° 35'	17h. 52m	18° 31'	19h. 49m	22° 3'	13h. 27m	7° 37'	1h. 3m	4° 6'	1h. 40m	9° 49'	22h. 32m	10° 5'
FIRST QUARTER	9	8 56 A.M.	6 19 40	19 25	18 9	18 50	20 5	21 20	13 27	7 37	1 4	4 16	1 40	9 54	22 32	10 1
FULL MOON ..	16	3 28 A.M.	11 19 53	19 51	18 27	19 5	20 21	20 31	13 27	7 35	1 6	4 27	1 41	9 55	22 32	9 57
LAST QUARTER	22	9 38 P.M.	16 20 12	19 48	18 46	19 13	20 37	19 37	13 27	7 32	1 7	4 39	1 42	9 59	22 33	9 53
APOGEE ..	2	At Noon.	21 20 36	19 14	19 6	19 11	20 53	18 37	13 26	7 26	9	4 51	1 42	10 3	22 34	9 49
PERIGEE ..	16	1 A.M.	26 21 3	18 7	19 27	18 59	21 9	17 32	13 25	7 20	1 11	5 4	1 43	10 8	22 35	9 44



# MARCH.



OSCAR, KING OF SWEDEN AND NORWAY, BORN JULY 4, 1797; ASCENDED THE THRONE MARCH 8, 1844.

		SUN.					MOON.					DURATION OF MOONLIGHT.					HIGH WATER		Day of the Year.				
M D	W D	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SOUTH.					SOUTH.					Before Sunrise.			O'Clock.		After Sunset.			AT LONDON BRIDGE.		
			Rises.	After 12 o'clock.	Height above horizon.	Sets.	Rises.	After 12 o'clock.	Height above horizon.	Sets.	Morning.	Morning.	Height above horizon.	Sets.	Afternoon	O'Clock. 2h. 4h. 5h.	Moon's Age.	O'Clock. 7h. 8h. 10h.		Morning.	Afternoon	M.	A.
1	S	<i>St. David</i>	6 48	12 40	30 5	38	6 27	11 10	22 3	4	0					28			1 30	1 45	60		
2	S	QUINQUAGESIMA	6 46	12 28	31 1	39	6 54	11 54	25 3	4	5	3				29			2 5	2 25	61		
3	M	[OR SHROVE S.	6 44	12 15	31 1	41	7 16	Afternoon	29 3	6	8					0			2 40	2 55	62		
4	Tu	<i>Shrove Tuesday</i>	6 42	12 2	32 5	43	7 37	1 19	34	7	12					1			3 10	3 25	63		
5	W	<i>Ash Wednesday.</i>	6 40	11 49	32 1	44	7 57	2 2	38 1	8	19					2			3 40	3 55	64		
6	Th	[Lent begins	6 38	11 35	32 1	46	8 22	2 45	42 3	9	24					3			4 10	4 25	65		
7	F	<i>Perpetua</i>	6 36	11 21	33 1	48	8 39	3 29	47	10	32					4			4 45	4 55	66		
8	S	<i>O. St. Matthias</i>	6 33	11 6	33 1	50	9 2	4 15	51	11	40					5			5 10	5 25	67		
9	S	1ST SUN. in LENT	6 31	10 51	33 1	51	9 31	5 4	54 1		Morning.					6			5 45	6 5	68		
10	M	Day breaks 4h 34m	6 28	10 36	34 1	53	10 4	5 57	57 1	0	50					7			6 25	6 45	69		
11	Tu	Twilight ends 7h 49m	6 26	10 20	34 1	55	10 46	6 52	58 3	1	57					8			7 10	7 35	70		
12	W	<i>Ember Week</i>	6 24	10 4	35 5	57	11 40	7 50	59	3	1					9			8 9	8 50	71		
13	Th	Sirius souths 7h 15m P.M.	6 21	9 47	35 1	59	Afternoon	8 50	57 2	3	58					10			9 35	10 20	72		
14	F	Length of day 11h 42m	6 18	9 30	35 1	6 0	1 58	9 49	55 3	4	47					11			11 5	11 45	73		
15	S	Castor souths 7h 54m P.M.	6 16	9 13	36 1	6 2	3 20	10 48	51	5	28					12			No Tide.	0 20	74		
16	S	2ND S. in LENT	6 13	8 56	36 1	6 4	4 41	11 45	46	6	3					13			0 50	1 15	75		
17	M	<i>St. Patrick</i>	6 11	8 39	37 6	6 6	6 8	Morning.	—	6	32					14			1 45	2 10	76		
18	Tu	Prs. Louisa born	6 9	8 21	37 6	8	7 31	0 40	40 1	6	58					15			2 30	2 55	77		
19	W	Procyon souths 7h 44m	6 7	8 3	37 6	9	8 52	1 34	35	7	24					16			3 15	3 40	78		
20	Th	Spring Qr. begins	6 5	7 45	38 1	11	10 10	2 26	29 3	7	48					17			3 55	4 20	79		
21	F	<i>Benedict</i>	6 3	7 27	38 6	12	11 26	3 18	24 1	8	16					18			4 40	4 58	80		
22	S	Newton died, 1727	6 1	7 9	39 6	14	Morning.	4 10	21 5	8	46					19			5 20	5 40	81		
23	S	3RD S. in LENT	5 59	6 50	39 1	15	0 36	5 2	18 3	9	24					20			5 55	6 20	82		
24	M	Alpha Hydre souths 9h 13m P.M.	5 57	6 32	39 1	17	1 38	5 53	17 1	10	6					21			6 40	7 5	83		
25	Tu	<i>Annun. Lady D.</i>	5 54	6 13	40 1	18	2 34	6 44	16 3	10	54					22			7 30	8 5	84		
26	W	P. Geo. Will. b.	5 52	5 55	40 1	20	3 21	7 33	17 1	11	48					23			8 45	9 30	85		
27	Th	Regulus souths 9h 42m	5 50	5 36	41 6	22	3 59	8 21	18 3	Afternoon						24			10 10	10 50	86		
28	F	Length of day 12h 37m	5 47	5 18	41 1	24	4 28	9 7	21 1	1	49					25			11 30	No Tide.	87		
29	S	Day increased 4h 57m	5 45	4 59	41 6	26	4 58	9 51	24 1	2	52					26			0 10	0 35	88		
30	S	4TH S. in LENT.	5 43	4 41	42 1	28	5 21	10 35	28 1	3	58					27			1 0	1 20	89		
31	M	[MID-LENT S.	5 41	4 23	42 1	30	5 43	11 18	32 1	5	4					28			1 35	1 55	90		



# MARCH.



The cock is crowing, the stream is flowing,  
The small birds twitter, the lake doth glitter,  
The green fields sleep in the sun.  
The oldest and youngest are at work with the strongest;  
The cattle are grazing, their heads never raising;  
There are forty feeding like one!

WORDSWORTH.

MARCH is very beautifully and graphically described by our late Poet Laureate, Wordsworth, in the above lines; nor is the exquisite breezy Engraving which heads the verses less true to nature; you can almost hear the piping March wind whistling through the trees and the rents of the old mill sails. We could almost fancy that the talented Artist had had a stanza of our own in his "mind's eye" when he drew this exquisite sketch; but, on looking at the verse again, we find our description is too early in the morning for the present scene, neither have we the wagon, and the figure which appears all but blown "off his legs" in the Engraving. Here, however, are the verses, which we wrote ten long years ago:—

On the far sky leans the old ruined mill,  
Through its rent sails the broken sunbeams glow  
Gilding the trees that belt the lower hill,  
And the old thorns which on its summit grow;  
Only the reedy marsh that sleeps below,  
With its dwarf bushes, is concealed from view.  
And now a struggling thorn its head doth show  
Another half shakes off the misty blue,  
Just where the dusty gold streams through the heavy dew  
And there the hidden river lingering dreams,  
You scarce can see the banks which round it lie.  
That wither'd trunk, a tree or shepherd seems,  
For so the light, or fancy, strikes the eye;  
Even the very sheep which graze hard by,  
So blend their fleeces with the misty haze,  
They look like clouds dropp'd from the unsunn'd sky,  
Ere morning o'er the eastern hill did blaze:  
The vision fades as they move further on to graze.

In spite of the almost numberless pages we have written on the approach of spring, the subject seems inexhaustible; for the flowers that come are new flowers, although from the same bulbs and roots, and we still fancy that they never looked so beautiful before. If we greet them not with this feeling, we look upon them as old and very dear friends which have been long absent, and which are endeared to us all the more through this separation. Even the very bees, when they first come out, during the fine days of this month, fly around the flowers "as if they loved them," and seem to murmur into their cups sounds expressive of recognition.

What delight does the first appearance of young buds bring to the heart! When we grow old, we remember the eagerness with which we looked for Spring

in our younger days; when, day after day, we watched the green buds growing larger on the hawthorn, and knew that before long we should be able to gather the bunchy blossoms of the sweet-smelling May; when we went peeping into every dark hedge for that darker substance in which the "sky-stained" eggs of the hedge-sparrows were sure to be found. These were amongst the many delights which come with Spring, and in which memory still finds happiness, as we sit with her brooding over past scenes.

If the passage which follows has ever before met the eye of my readers in my "Book of Spring," I am sure they will pardon me for again introducing it, for the sake of the stamp of truth it bears, and the earnest feeling with which I must have written it. It was originally addressed to boys, and my heart must again have wandered to my old companions when I drew this picture of my boyish haunts and boyish feelings. Death has been busy there since I wrote the following; and now, in the beautiful lines of T. K. Hervey (quoted from recollection, and perhaps not correctly)—

Memory, when she names that vale,  
Speaketh low and looketh pale;  
And pale Regret, with unbound hair,  
Sits ever like a mourner there!

Yet here memory contradiceth the feeling; but when I had written what your eye, reader, will in another minute be dwelling upon, the gloomy shadow of death had not settled so harshly down upon the landscape as it hath since done.

Happy were the days we spent in the primrose season of Spring, in rambling down Humble-car-lane, through Lea-marshes, in the bend of the old river Trent, which Shakespeare has described so truly in the quarrel between Hotspur and Glendower, up Plugle-hill, and Double-hill, and Foxby-lane, away to Lea-wood and White's-wood, or through the long plantation, Caister-wood, Castle Hills, Thonock, and Corringham-skroggs, the wildest scene of all. Or, perchance, we crossed Gainsborough-bridge, and went along the "Ramper" by the Delf, or turned off at Cape's old ropery into the marshes, elbowing our way to Bole, or Sawnbly, or Wheatly; or it might be keeping on the hauling-path by the river banks, beside osier-holts and wild river foregrounds of feathery reeds, and green rushes, and tall armies of flags which were ever waving to and fro; or, turning our faces towards the broad Humber, and leaving Beckingham to the



left, we went on towards Parnell's osier-holt (so called from the dear old doctor—one of the last gentlemen we remember wearing a pig-tail), where we stood leaning over the parapet of the crumbling brick bridge, and watching the fish as they went in and out through the old weather-stained sluice gates. Even now I feel as if I could leap up from my wearisome armed-chair, if I were nearer those beloved spots, and visit them all again between sunrise and sunset, without once feeling fatigued, and hunt every familiar hedge and bush, as I have many a time done a quarter of a century ago.

My heart, whilst ever it beats, can never grow old or cold, or cease to pant and yearn for those delightful spots which are ever green with the pleasant memories of my boyish days; for I believe that they will never cease to be covered in Spring and Summer with milk-white daisies and sun-stained buttercups, and ever hemmed in with pleasant green hedges powdered and perfumed with the pearl-dyed blossoms of May; I can never believe but what the river sings and murmurs as sweetly through its winding banks as it did when I a boy angled in its bright rapid waters; and that those silver-sounding church bells ring as sweetly from that grey and weather-beaten old Norman tower, as when I a child shaped words to their music, and which I fondly fancied every babbling hill and valley repeated. I can never think that the water-flags around Cavendish-bog will in Spring ever be without a reed-sparrow's nest, or that the hedge-sparrows will ever cease to lay their blue eggs in the tall hedges of Humble-car; I believe that the thrushes will never forsake the dark firs in the long plantation, nor the linnet cease to build in the gorse-bushes beyond it.

Though I have grown older now, the fond remembrance that is ever rooted in the haunts of my childhood is still young, and dances its green leaves in the wind and sunshine as gaily as if it were still a sapling, with its tender bark uninjured by the rough rubs of the passing world. I would gather all the birds that ever sang around me in my boyish days, if I could, and they would remain my companions without repining or complaining; then I could fancy when they sang that they were telling me all about the old woods and lanes we wandered through, long, long years ago; and sometimes we should seem very glad, and at others very sorrowful together, and close our eyes in the same twilight, and dream about the same old familiar scenes, for we should feel all alike prisoners, they and I—longing for the same Spring and Summer-green, and sending many a sigh after things that had for ever ceased to be. And yet, not so! for even now I can look, with closed eyes, through the dim avenues of old years, down the grey twilight of time: for nothing in that hazy past is wholly dark; even the sinking sunset is glided over with pleasant memories, into which the spirit steals forth in sleep, to visit those old haunts and bring me back tidings about the buds and flowers that are blowing, to comfort me when I awaken; for Memory, like the island in Shakspeare's "Tempest,"

Is full of noises,  
Sounds, and sweet airs, that give delight, and hurt not.

Let us should pall our readers with too long a description of rural scenery, we will attempt to draw another picture of country sports, which more properly belongs to Winter, although still followed in the present month, and that is Rabbit Hunting with the assistance of ferrets. No animal is so useful in driving the rabbit from its burrow as the ferret, providing the ferret is muzzled; if not, it will gorge itself with the blood of the rabbits, and sleep in the bottom of the burrow until aroused by the call of hunger. Some sew up the mouths of the ferrets, while employed in driving out the rabbits; but this is an unnecessary and cruel precaution, as the following plain and simple directions for muzzling or coping the ferret will prove—we copy it from the "Dictionary of Sports:"—"A piece of soft string, not too thin, is tied round the neck of the ferret, close to the head, leaving two longish ends; another piece of string is tied round the under jaw, passing it under the tongue, and brought round over the upper jaw, and tied there, leaving the ends long. This will keep the mouth closed. The four ends are then brought together, and tied in one knot on the top of the head, which makes all safe from slipping. It gives the animal no pain, as it appears to hunt as eagerly as without a muzzle."

The female ferret sometimes devours her young (a brood of which generally numbers from six to nine), of which she has two broods a year.

Few are aware what a plague the rabbit would be, unless kept under. Like the locusts of old, it would eat up "every green thing," were it not destroyed by man, and preyed upon by both birds and beasts. To see the havoc the rabbit makes amongst even the hardy gorse, one need not journey further from London than Epping Forest. But it is amongst the young corn and young trees that their destructive powers are most serious, as they devour the one and bark the other, and prevent it from ever becoming valuable as timber. A rabbit warren is a perfect subterranean town, full of hollow and bending streets, through the mazes of which the lithe-bodied ferret-weasel is well adapted to wind its way, and drive out the destructive populace, when their inroads on the neighbouring fields become serious. It is on record that a town in Spain was once undermined and destroyed through their burrows. Their favourite time of feeding is in the evening twilight, though they may be seen abroad during all hours of the day. As for their recrudity, Daniel, in his "Rural Sports," says—"Rabbits will breed at six months old, bear seven times annually, and bring five young ones each time. Supposing this to happen regularly during the space of four years, and that three of the five young at each kindle are females, the increase will be 478,062. The calculation has been made from eight young at each of the seven kindles, amounting to 1,274,840; but that is much too high, for the wild rabbit was never known to have eight at two successive kindles. Under the first statement, being overstocked with these animals might justly be feared; but man, birds, and beasts of prey make great devastation among them."

The rabbit, like most animals that burrow in the earth, has more than one entrance and exit to his house, and it may be readily imagined how unceremoniously he hastens to escape from his front or back-door when the ferret is in possession. That is the moment for the sportsman to take aim, for the dart of no animal is so quick as that of the rabbit; the gun must be ready raised and the finger on the trigger when he appears, or he is across the path and off amongst the windings of the furze-bushes in a twinkling, and gone through runs so small that no dog can follow him. One writer says:—

More difficult than the hare to hit,  
They frequently appear to flit  
Like shadows past one.

Care must be also taken not to hit the ferret, which is likely enough to be close upon the scent of the rabbit.

If there is one animal more than another that ought to be the common property of all who choose to capture it, it is the rabbit, which should ever remain the poor man's game, without the interference of any law. We speak, be it remembered, of old, open forest-land, heaths, moors, and commons; for we consider a private rabbit warren as much the property of the owner as a flock of sheep. Hear what the late witty canon of St. Paul's, the Rev. Sydney Smith, has to say on these matters—a man whose spirit still walks the earth in his works, and is ever abroad doing good:—

"We really cannot believe that all our rural mansions would be deserted, although no game was to be found in their neighbourhood. Some come into the country for health, some for quiet, for agriculture, for economy, from attachment to family estates, from love of retirement, from the necessity of keeping up provincial interests, and from a vast variety of causes. Partridges and pheasants, though they form nine-tenths of human motives, still leave a small residue, which may be classed under some other head. Neither are a great proportion of those whom the love of shooting brings into the country, of the smallest value or importance to the country. A Colonel of the Guards, the second son just entered at Oxford, three diners-out from Piccadilly, Major Rook, Lord John, Lord Charles, the Colonel of the regiment quartered at the neighbouring town, two Irish Peers, and a German Baron—if all this honourable company proceed, with fustian jackets, dog whistles, and chemical inventions, to a solemn destruction of pheasants, how is the country benefited by their presence? or how would earth, air, or sea be injured by their annihilation? There are certainly many valuable men brought into the country by a love of shooting, who, coming there for that purpose, are useful for many better purposes; but a vast multitude of shooters are of no more service to the country than the ramrod which condenses the charge, or the barrel which contains it. We do not deny that the annihilation of the Game-Laws would thin the aristocratic population of the country, but it would not thin that population so much as is contended; and the loss of many persons so banished, would be a good rather than a misfortune. At all events, we cannot at all comprehend the policy of alluring the better classes of society into the country by the temptation of petty tyranny and injustice, or of a monopoly in sports. How absurd it would be to offer to the higher orders the exclusive use of peaches, nectarines, and apricots, as the premium of rustication; to put vast quantities of men into prison as apricot-eaters, apricot-buyers, and apricot-sellers; to appoint a regular day for beginning to eat, and another for leaving off; to have a Lord of the Manor for greengages, and to inflict a penalty of five pounds on the unqualified eater of the gage! And yet the privilege of shooting a set of wild poultry is stated to be the bonus for the residence of country gentlemen! As far as the immense advantage can be obtained without the sacrifice of justice and reason, well and good; but we would not oppress any order of society, or violate right and wrong, to obtain any population of squires, however dense. It is the grossest of all absurdities to say, that the present state of the law is absurd and unjust, but it must not be altered, because the alteration would drive gentlemen out of the country. If gentlemen cannot breathe fresh air without injustice, let them putrefy in Cranbourne-alley. Make just laws, and let squires live and die where they please." (Vol. II., p. 56—57, edit. 1840.)

What misery have we witnessed that sprang from these Game-Laws! miseries only known to such as have lived in the country, and looked upon the bitter blood which they have engendered. We have seen the bleeding face of the dead man, brought home at midnight from the woods, a victim offered up to these disgraceful laws—have heard the shriek of the young widow, and the hopeless wailing of the fatherless children: these things we have seen with our own eyes, and heard with our own ears, and felt that it would scarcely be murder to avenge the death of the poor poacher, who but went out to provide his family with food. Even we, peace-loving men, felt this, while looking upon the deeds done under the sanction of these blood-stained laws. Upon the grey old tombstones of the village churchyard have we stood and wept, as we have in turn seen poacher and gamekeeper consigned to an untimely grave—men who a few days before were ruddy with health and strength, murdered in a midnight brawl while struggling for the possession of a poor hare. This have we witnessed in the nineteenth century.

Alas! the low valleys and sloping hills and waving woods of green England are not what they seem; amid them death-blows are dealt at midnight, and dying groans heard in lonely coverts: the gloomy gallows or the forbidding prison rise up amid the landscape, where the victims swing or moan away their days—sufferers for the preservation of worthless game. Would that we could blot out these laws for ever from our statute-books, and that they might only be remembered amongst the thousand of barbarous customs abolished centuries ago.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

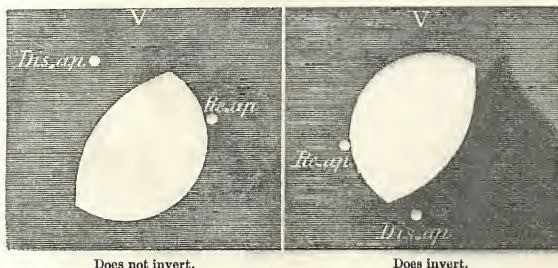
## MARCH.

THE SUN is situated south of the Equator till the 20th, and north of the Equator from the 21st. He is in the sign Pisces till the 21st, having been in that sign 29 days 23 hours and 56 minutes. On the 21st, at 4h. 56m. A.M., he enters the sign Aries (the Ram), and Spring commences. On the 1st day he is 94,186,000 miles distant from the Earth. He rises on the 3rd at the E. by S., and on the 21st at the E., and sets on the same days at the W. by S. and W. points of the horizon.

The MOON is in the constellation Aquarius till the 3rd, on which day she enters Pisces; on the 6th, Cetus; on the 7th, Aries; on the 8th, Taurus; on the 11th, Orion and Gemini; on the 13th, Cancer; on the 15th, Leo; on the 17th, Virgo; on the 20th, Libra; on the 21st, Scorpio; on the 22nd, Ophiuchus; on the 24th, Sagittarius; on the 26th, Capricornus; on the 28th, Aquarius; and Pisces on the 30th.

She is above the horizon when the Sun is below, during the morning hours from the 13th to the 23rd, and during the evening hours from the 2nd to the 15th.

OCCULTATION OF NU GEMINORUM BY THE MOON, MARCH 12, 1851, AS SEEN THROUGH A TELESCOPE WHICH



Does not invert.

Does invert.

The star will disappear at the dark limb of the Moon at 0h. 48m., and re-appear at the bright limb at 1h. 27m. in the morning.

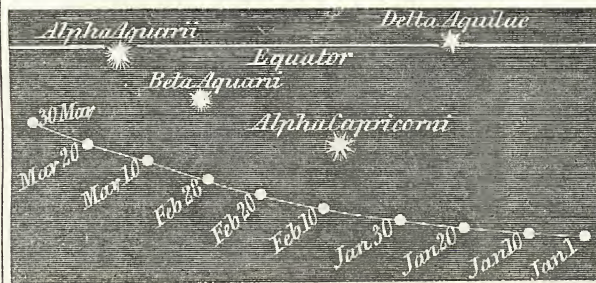
She is situated S. of the Equator till the 5th; is at her greatest north declination on the 12th; is on the Equator on the 19th; and at her extreme south declination on the 25th.

She is near Saturn and Uranus on the 6th; Jupiter on the 19th; Venus on the 28th; and Mars on the 30th.

MERCURY is in the constellation Capricornus till the 5th; in Aquarius from the 6th to the 18th; and in Pisces from the 19th.

He rises on the 9th, at the E.S.E.; on the 20th, at the E. by S.; and on the 28th, at the E. point of the horizon; and before the Sun till the 27th. He sets before the Sun sets throughout the month. His time of rising precedes that of the Sun by 36 minutes on the first day, and which interval gradually decreases, till, on the 28th, the planet and Sun rise at the same time. The planet is not favourably situated for observation during this month. He is moving eastward among the stars.

PATH OF MARS FROM JANUARY 1 TO MARCH 30, 1851.



Scale, 24 degrees to one inch.

VENUS is in the constellation Sagittarius till the 3rd; in Capricornus from the 5th to the 16th; and in Aquarius from the 17th to the end of the month.

She is a morning star, and rises on the 1st at 4h. 42m.; and on the last day, at 4h. 28m.: on the former day, midway between the S.E. by E. and the E.S.E.; and on the last day, near the E.S.E. point of the horizon. She is moving eastward among the stars, and is near the Moon on the 28th.

MARS is in the constellation Capricornus till the 9th; and in Aquarius from the 10th to the end of the month.

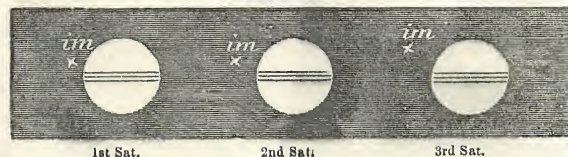
He rises on the 1st, at 6h. 7m. A.M.; and on the last day, at 4h. 55m. A.M.; near the E.S.E. on the 8th; and near the E. by S. at the end of the month; but he is still unfavourably situated for observation. He is moving eastward among the stars, and is near the Moon on the 30th.

JUPITER is in the constellation Virgo throughout the month.

He is visible throughout the night; and rises on the 1st at 9h. 20m. P.M.; and on the last day, at 7h. 5m. P.M.; at the E. by S. point of the horizon. He moves slowly westward among the stars, and is near the Moon on the 19th. He souths at an altitude of 31° on the 15th. (For his path in the heavens, and relative position to large stars near him, see the diagram in June.)

JUPITER'S SATELLITES.—Several eclipses of the 1st, 2nd, and 3rd Satellites will be visible. The relative position of the Satellites to Jupiter, at the times of the eclipses, is shown in the annexed diagram, as viewed through an inverting telescope.

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION.



SATURN is in the constellation Pisces throughout the month.

He is an evening star, and sets on the 1st at 9h. 7m. P.M.; and on the last day, at 7h. 29m. P.M.; near the W. by N. point of the horizon. He moves slowly eastward among the stars, and is near the Moon on the 6th. His path in the heavens is shown in the diagram in the month of November.

URANUS is in the constellation Cetus throughout the month.

He sets on the 18th at 9h. 12m. P.M. He souths on the 15th at 2h. 16m. P.M.

NEPTUNE rises and sets nearly at the same times as the Sun, and is not visible.

## JANUARY.

(Continued from page 7.)

SATURN is in the constellation Cetus till the 26th, and in Pisces from the 27th till the end of the month.

He is an evening star, and sets at 35 minutes after midnight on the 1st; and on the last day, at 10h. 45m. P.M., midway between the W. and W. by N. points of the horizon.

URANUS is in the constellation Pisces throughout the month.

He sets at about 4° N. of W. by N. on the 1st, at 1h. 53m. A.M.; and on the last day at 11h. 54m. P.M. He souths on the 15th at 6h. P.M.

NEPTUNE sets on the 1st at 8h. 56m. P.M., and on the 15th at 8h. 4m. P.M., midway between the W. by S. and the W.S.W. points of the horizon.

## FEBRUARY.

(Continued from page 11.)

JUPITER'S SATELLITES.—Several eclipses of the 1st, 2nd, and 3rd are visible. The relative position of the satellite to Jupiter at the moment of eclipse is shown in the diagram in page 9, as viewed through an inverting telescope.

SATURN is in the constellation Pisces throughout the month. He is an evening star, and sets on the 1st at 10. 41m. P.M., and on the last day at 9h. 11m. P.M., nearly midway between the W. and the W. by N. points of the horizon. He moves slowly eastward among the stars, and is near the Moon on the 6th. For his path in the heavens, see the diagram in November.

URANUS is in the constellation Pisces till the 9th, and in Cetus on the 10th. He sets on the 1st at 11h. 50m. P.M.; and on the last day at 10h. 8m. P.M. He souths on the 15th at 4h. 1m. P.M.

NEPTUNE sets on the 1st at 6h. 57m., and on the 15th at 6h. 7m. P.M., midway between the W. by S. and the W.S.W. points of the horizon.

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.						OCCULTATIONS OF STARS BY THE MOON.					
	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Neptune.		Eclipses of					
	Morning.		Mornlug.		Morning.		Morning.		Afternoon		Morning.		1st Sat.		2nd Sat.			
													Immersion.		Im. I. Emer. E.			
1	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	D. I. M.	D. H. M.	D. H. M.	A star	4	{	D. H. M.	Dark	7° S. &	
6	10 45	9 6	10 44	2 51	2 37	2 20	11 42	11 3	4 39 A.M.	8 10 31 P.M. I.	16 1 5 A.M. I.	63 Tauri	6	{	7 9 42 P.M.	Bright	70° N.	
11	10 55	9 8	10 39	2 30	2 20	11 23	12 10	1 4	11 3 32 A.M.	16 1 5 A.M. I.	23 3 40 A.M. I.			{	9 6 56 P.M.	Dark	10° S. &	
16	11 6	9 10	10 35	2 5	2 2	11 23	12 10	1 4	18 5 26 A.M.	16 1 5 A.M. I.	23 3 40 A.M. I.			{	9 7 48 P.M.	Bright	57° N.	
21	11 18	9 13	10 31	1 48	1 45	11 4	12 10	1 4	18 5 26 A.M.	16 1 5 A.M. I.	23 3 40 A.M. I.	Nu Geminorum	4	{	12 0 48 A.M.	Dark	11° N. &	
26	11 31	9 16	10 26	1 26	1 27	10 45	12 10	1 4	18 5 26 A.M.	16 1 5 A.M. I.	23 3 40 A.M. I.			{	12 1 27 A.M.	Bright	72° N.	
31	At noon.	9 21	10 16	0 42	0 52	10 7	12 10	1 4	18 5 26 A.M.	16 1 5 A.M. I.	23 3 40 A.M. I.	d Cancrri	6	{	13 9 21 P.M.	Dark	20° N. &	
									27 1 48 A.M.	17 1 29 A.M. E.	24 5 28 A.M. I.			{	13 10 10 P.M.	Bright	90° N.	
									28 8 16 P.M.	17 1 29 A.M. E.	24 5 28 A.M. I.	Theta Cancrri	5½	{	14 1 10 A.M.	Dark	16° N. &	
														{	14 2 6 A.M.	Bright	90° N.	

RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.																
Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.			
	Right Ascension	Declination South.	Right Ascension	Declination South.	Right Ascension	Declination South.	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.		
NEW MOON ..	3d. 1h. 15m. A.M.	1	21h. 20m	17° 12'	19h. 40m	18° 46'	21h. 18m	16° 51'	13h. 24m	7° 15'	1h. 12m	5° 11'	1h. 44m	10° 10'	22h. 36m	9° 42'
FIRST QUARTER ..	10 9 45 P.M.	6	21 50	15 13	20 2	18 15	21 34	15 40	13 23	7 5	1 14	5 25	1 44	10 15	22 36	9 38
FULL MOON ..	17 1 19 P.M.	11	22 20	12 43	20 24	17 32	21 49	14 24	13 21	6 55	1 17	5 38	1 45	10 20	22 37	9 34
LAST QUARTER ..	24 1 26 P.M.	16	22 52	9 41	20 47	16 37	22 7	12 49	13 20	6 43	1 19	5 55	1 46	10 26	22 37	9 30
APOGEE ..	1 3 P.M.	21	23 24	6 8	21 9	15 30	22 25	11 9	13 18	6 30	1 21	6	1 47	10 31	22 38	9 26
PERIGEE ..	16 At Noon.	26	23 58	2 7	21 32	14 11	22 34	10 17	13 15	6 16	1 23	6 20	1 48	10 37	22 39	9 22
APOGEE ..	28 11 P.M.															

TIMES OF CHANGES OF THE MOON, And when she is at her greatest distance (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.

Days of the Month.	Right Ascension.	Declination South.
NEW MOON ..	3d. 1h. 15m. A.M.	
FIRST QUARTER ..	10 9 45 P.M.	
FULL MOON ..	17 1 19 P.M.	
LAST QUARTER ..	24 1 26 P.M.	
APOGEE ..	1 3 P.M.	
PERIGEE ..	16 At Noon.	
APOGEE ..	28 11 P.M.	

RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.

Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.	
	Right Ascension.	Declination South.	Right Ascension.	Declination South.	Right Ascension.	Declination South.	Right Ascension.	Declination South.	Right Ascension.	Declination North.	Right Ascension.	Declination North.	Right Ascension.	Declination South.
1	21h. 20m.	17° 12'	19h. 40m.	18° 46'	21h. 18m.	16° 51'	13h. 24m.	7° 15'	1h. 12m.	5° 11'	1h. 44m.	10° 10'	22h. 36m.	9° 42'
6	21 50	15 13	20 2	18 15	21 34	15 40	13 23	7 5	1 14	5 25	1 44	10 15	22 36	9 38
11	22 20	12 43	20 24	17 32	21 49	14 24	13 21	6 55	1 17	5 38	1 45	10 20	22 37	9 34
16	22 52	9 41	20 47	16 37	22 7	12 49	13 20	6 43	1 19	5 55	1 46	10 26	22 37	9 30
21	23 24	6 8	21 9	15 30	22 25	11 9	13 18	6 30	1 21	6 6	1 47	10 31	22 38	9 26
26	23 58	2 7	21 32	14 11	22 34	10 17	13 15	6 16	1 23	6 20	1 48	10 37	22 39	9 22





LOUIS NAPOLEON, PRESIDENT OF FRANCE, BORN APRIL 20, 1808; ELECTED DECEMBER 20, 1848.

M D	W D	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SUN.					MOON.					DURATION OF MOONLIGHT.					HIGH WATER		Day of this Year.	
			SOUTH.					SOUTH.					Before Sunrise		After Sunset.		AT LONDON BRIDGE.				
			Rises.	After 12 o'clock.	Height above Horizon.	Sets.	Rises. Morning.	Afternoon.	Height above Horizon.	Sets. Afternoon	O'Clock. 2h. 3h. 4h.	O'Clock. 5h. 6h. 7h.	Moon's Age.	Morning.	Afternoon	u.	n.	u.	n.		
1	Tu	All Fools Day	5 38	4 54	43 1/4	6 31	6 2	At noon	0 43	41 1/4	7 15								2 10	2 25	91
2	W	Day breaks 5h 35m	5 36	3 47	43 1/4	6 33	6 22	0 43	41 1/4	7 15									2 40	2 55	92
3	Th	Rich. Bp. Chich.	5 31	3 29	43 3/4	6 36	6 43	1 27	46	8 23									3 10	3 25	93
4	F	St. Ambrose	5 31	3 11	44	6 37	7 6	2 13	50	9 33									3 40	3 55	94
5	S	Twilight ends 5h 41m	5 29	2 53	44 1/2	6 38	7 32	3 25	53	10 43									4 15	4 30	95
6	S	5TH S. in LENT.	5 27	2 35	44 3/4	6 40	8 4	3 53	56	11 51									4 45	5 5	96
7	M	[Old Lady Day	5 24	2 18	45 1/4	6 41	8 44	4 47	58	Morning.									5 20	5 40	97
8	Tu	Fire Insur. due	5 22	2 14	45 1/2	6 43	9 32	5 43	58	0 55									6 0	6 25	98
9	W	Day increased 5h 40m	5 20	1 44	46	6 44	10 31	6 40	58	1 54									6 50	7 20	99
10	Th	Length of day 13h 27m	5 18	1 27	46 1/4	6 45	11 39	7 38	56	2 45									7 55	8 35	100
11	F	Camb. Term ends	5 15	1 11	46 3/4	6 47	Afternoon	8 35	52	3 27									9 20	10 5	101
12	S	Oxford T. ends	5 13	0 54	47	6 48	2 14	9 30	48	4 1									10 50	11 30	102
13	S	6TH S. in LENT.	5 11	0 39	47 1/2	6 50	3 38	10 25	43	4 30								No Tide.	At Noon.		103
14	M	[PALM SUN.	5 9	0 23	47 3/4	6 52	5 0	11 18	37	4 57									0 35	1 0	104
15	Tu	Easter Term beg.	5 7	0 7	48	6 54	6 23	Morning.	—	5 21									1 25	1 45	105
16	W	Regulus souths 5h 23m P.M.	5 5	Before 12 o'clock.	48 1/2	6 55	7 42	0 11	32 1/4	5 47									2 5	2 30	106
17	Th	Maunday Thurs.	5 2	0 22	48 3/4	6 57	9 2	1 32	27 1/4	6 12									2 50	3 10	107
18	F	GOOD FRIDAY	5 0	0 36	49	6 59	10 16	1 56	23	6 41									3 30	3 50	108
19	S	Alphage	4 57	0 50	49 1/2	7 1	11 25	2 49	19 1/2	7 16									4 10	4 30	109
20	S	EASTER SUNDAY	4 56	1 4	50	7 2	Morning.	3 43	16	7 58									4 50	5 10	110
21	M	Easter Monday	4 55	1 17	50 1/4	7 4	0 26	4 35	15 3/4	8 43									5 30	5 50	111
22	Tu	Easter Tuesday	4 53	1 29	50 1/2	7 6	1 17	5 26	16 3/4	9 38									6 15	6 40	112
23	W	St George	4 51	1 41	51	7 8	2 0	6 15	18	10 35									7 0	7 30	113
24	Th	Beta Leonis souths 9h 32m	4 49	1 53	51 1/4	7 10	2 34	7 22	11	36									8 5	8 50	114
25	F	St. Mark. Prs.	4 47	2 4	51 1/2	7 11	3 3	7 48	23	Afternoon									9 30	10 10	115
26	S	Alice M. born. Duch. Gloucester born	4 45	2 14	52	7 13	3 26	8 31	26 1/2	1 45									10 45	11 20	116
27	S	1st S. aft EAST.	4 43	2 24	52 1/4	7 14	3 48	9 14	30 1/2	2 50									11 55	No Tide.	117
28	M	[LOW SUNDAY	4 41	2 34	52 1/2	7 16	4 8	9 57	35	3 56									0 20	0 40	118
29	Tu	Length of day 11h 35m	4 39	2 43	52 3/4	7 17	4 28	10 40	39 1/2	5 4									1 0	1 20	119
30	W	Oxford T. begins	4 37	2 51	53 1/4	7 19	4 48	11 23	44 1/4	6 11									1 35	1 55	120





Emblem of life! see changeful April sail  
In varying vest along the shadowy skies,  
Now bidding Summer's softest zephyrs rise,  
Anon recalling Winter's stormy gale,  
And pouring from the cloud her sudden hail;  
Then smiling through the tear that dims her eyes,  
While Iris with her braid the welkin dyes,  
Promise of sunshine, not so prone to fail.—HENRY KIRKE WHITE.

APRIL has ever been associated in our mind with Angling, from our boyish days. No sooner did the silvery down show itself on the willows, than we hunted up our fishing-tackle, and betook ourselves to our old favourite angling-places in the free and open river Trent, where we had the uninterrupted range of many miles, without any fear of trespassing. The whole river, far as we ever wandered (with the exception of private grounds, that were enclosed), was as free to poor and rich as when it first ran through its green and winding banks after the subsiding of that undated ocean, the ebbing of whose waters are yet visible in the ridges of the hills which on either side hem in the broad valley of the Trent.

Born within a stone-cast of that river, we were anglers in our childhood, and can well remember with what delight we hooked our first bleak on Mortram's wharf, with the farthing willow fishing-rod bought of Tommy Duncan, while as yet we figured in frock and pinafore—for tunics and trousers, and such like Frenchified fal-the-rals were not then known, and we were whipped all at once out of our baby-like free-and-easy costume into all the horrors of tight corduroys, without any intermediate stage of transition: nor have we yet forgotten the first twelve months, during which, although we broke our nails over and over again, we never could for the life of us button them behind. Our first fair stand-up fight was long before we were breeched, because a lubberly boy had, in the presence of our little sweetheart, who was nursing her doll and sucking her thumb at the same time, dared, on account of the petticoats we then wore, to call us "lad-lass." Even at that age we were anglers; and by the time we had attained our seventh year, we were initiated into the mystery of "bottom-lines," and had brought home a pike whose tail dragged on the ground, as borne upon the shoulder of our "giant height." The truth is, a professed fisherman was our next-door neighbour—a man "to the manner born;" for he obtained his livelihood by fishing in the Trent—and, what with accompanying him, and aided and abetted by his promising son Bob, stealing off at times with his boat and tackle while he was drinking (for he was a thirsty fish), it is not to be wondered at that there was no lad, from the rise of the Trent to its fall in the Humber, who better understood the "gentle art" than ourselves at that early age: as we grew older we realised not the promise of our boyhood.

Fly-fishing we were never able to make much of, and we fear our best efforts

never rated higher than "whipping" or "flogging" the water: we could never attain that fine masterly stroke of dropping the artificial fly upon the water, as if it had been a real insect that had mistaken the glassy surface for the green grass, and alighted there of its own accord. To throw the fly on the exact spot fixed upon by the eye of the fisherman, has ever appeared to us a greater accomplishment than to hit the bull's-eye in a target with a rifle, at a distance when the mark scarcely appears larger than a pin's head; such a nice calculation does it require in the former to allow for the wind acting upon the line, which affects not the bullet. As to being able to throw the fly with either hand, that we gave up in hopeless despair; for when we attempted it with the left, it was "over the left" indeed, according to the fullest sense of the Cockney vernacular.

We well remember our early lessons on land, in the art of fly-fishing, in poor old Palmer's garden, and how at the first throw we hooked his inexpressibles, and at the second, while he stood with his mouth open, we threw the fly into it; also, how he danced, and capered, and roared out ten thousand murders; and how we ran for the barber to cut out the hook, and which, when done, left our "master of arts" redder about the gills than ever we saw a salmon. The worst of it was, at the very moment of the disaster, he had so much applauded that particular throw as to call "Strike," which we were in the act of doing when the wind blew the fly into his open mouth, and we did strike to some purpose. He was the largest fish we ever hooked; although we once carried away Miss Ogleton's cap and peruke by a similar throw, much to the annoyance of that middle-aged lady, and greatly to our own astonishment, for we left her pate as bare as a bladder of lard: no one ever after wantoned with her long ringlets.

To attempt a description of all the artificial flies used throughout the year would be as dry and uninteresting a subject to the generality of our readers as if they were to sit down and read a dictionary backwards, by commencing at the end of the definition of each word. It is, in fact, all hackle and cackle, red-dun and dead-dun, oak-fly and choke-fly, grey-lake and may-drake, and leaves the mouth after enunciation as husky as if one had tried the flavour of each; we feel a kind of hairy featheriness about the palate, such as a man feels in a dream when he is busily engaged in breakfasting off the inside of the feather-bed he is sleeping upon. Even that portion of Walton's work dedicated



to this subject we invariably skipped, much as we worshipped the old man's exquisite word-painting and his inimitable sketches of rural scenery. The ingredients which Shakspeare's witches throw into the cauldron in "Macbeth" have ever seemed to us about as "comatable" as many of the materials necessary for the manufacturing of artificial flies, for which it seems indispensable to have—

Eye of newt, and toe of frog,  
Wool of bat, and tongue of dog,  
Adder's fork, and blindworm's sting,  
Lizard's leg, and owl's wing.

Nay, we are not sure that we did not once miss a singular legacy—namely, a drawer full of hair, wool, and feathers, because we were too dull to learn the art of making properly large March-duns, cream-coloured duns, mealy-white moths, &c., all of which the worthy old fly-fisher bequeathed to another, together with an old stocking filled with bran and spade-ace guineas, because he had more patience than we possessed.

The great essentials for fly-fishing are a sure eye and a true hand, so as to throw the fly upon the exact spot on which the eye has fixed, and these qualities can only be attained by much patience and considerable practice. The fly-fisher must also be able to use either hand, not only to take advantage of the wind from whichever point it may blow, but also to save one hand from tiring, and the wrist from being sprained, as it would be, were all the work to be done by one hand. A beginner should commence practice by throwing against the wind. The instant a fish seizes the fly, he should be struck; for no sooner do his jaws close upon the artificial bait, than he discovers the mistake, and "blows" it out of his mouth, for he no more mistakes the hardness of the hook than we should were we to attempt to bite a stone peach, however much it might deceive the eye. A strike may, however, be so quick as to draw the fly out of his mouth before his jaws have closed, though this, we believe, but rarely happens. "After a fish is struck," says the "Encyclopædia of Rural Sports," "if it be of a tolerable size, immediately throw up the point of the rod, and, if the fish give signs of being a very heavy one, then actually force the butt of it so forward as to carry the point over the shoulder, which will transfer the strain on the line to the elasticities of the joints of the rod; and this direction must be pursued until the fish be sufficiently exhausted for landing: we may also take occasion to caution the angler never to let a fish strike towards the weeds, nor up nor across the stream; but, if possible, down the stream only, keeping his head high up in the current, to tire and drown him. Likewise avoid letting your shadow, as well as that of your rod, fall on the water when fishing."

A salmon weighing fifty-four pounds has been taken in Scotland with an artificial fly, and splendid must have been the tackle to land such a monster, especially if he sulked, and lay like a stone at the bottom of the river, with the hook in his mouth, as he sometimes will after he has been struck, and finds that he cannot escape. There is no help for it then, but to throw in stones, as near as you can to where he lurks, without hitting him. Neither ought a salmon-fisher ever to be without his gaff, or landing-net. "We remember well," says Mr. Blaine, in the work just quoted, "to have seen a gentleman, but unknown to us, who, although he seemed to handle his tackle well, and, indeed, threw a beautiful line, as it is called, yet with single gut he struck, and was playing a very heavy fish, without having either landing-net or gaff-hook. We saw that an hour or two would be spent ere he could be landed without some assistance and much manoeuvring. We enjoined him to be patient, in which he acquiesced, and suffered the fish to sulkily settle himself in the bed of the river without disturbance for ten minutes, as though sulking with his sore mouth, and his incapability of swallowing his prey. A few shakes of the line rather roused him, but it was not until some heavy stones were thrown towards his bed that he again got him afloat; the captor drew him in with much judgment, keeping the line stretched on him, but not sufficiently to allow even his floundering to disengage it. It was now that the fisher saw in full force his negligence in having come out without either gaff or landing-net; indeed, the landing-net would hardly answer his purpose, so much did the banks hang over the water; but, after many efforts, our gaff was fastened into his shoulders, and by its means he was, with our assistance added to that of the angler, safely landed on shore."

But, were we to occupy the whole of the space allotted to the description of the present month to the subject of fly-fishing, we should not be able to convey to our readers a tithe of the information which it is necessary to possess to become a good practitioner in the art; we must, therefore, glance at other matters.

Spring has now really arrived; and, as the song of the skylark is heard in every field, we shall, as a relief to the somewhat prosy article on fly-fishing, insert a poem which we composed twenty years ago, on Bluebell Hill, near Nottingham, on

#### THE SKYLARK.

Whither away, companion of the sun!  
So high this lovely morning? Are those clouds  
Of floating silver, which appear to shun  
Day's golden eye, thy home? or why, mid shrouds  
Of loosen'd light, dost thou pour forth thy song?  
Descend, sun-loving bird! nor try thy strength thus long.  
Æthereal songster! soaring merrily,  
Thy wings keep time to thy rich music's flow,  
Which rolls along the sky celestially,  
And echoes o'er the hill's wood-waving brow  
Along the flood, that back reflects the sky;  
And thee, thou warbling speck, deep-mirrored from on high.

And thou hast vanish'd, singing, from my sight;  
So must this earth be lost to eyes of thine;  
Around thee is illimitable light:  
Thou lookest down, and all appears to shine  
Bright as above! Thine is a glorious way,  
Pavilion'd all around with golden-spearing day.

The broad unbounded sky is all thine own:  
The silver-sheeted heaven is thy domain;  
No land-mark there, no hand to bring thee down.  
Glad Monarch of the blue and starry plain!  
To thee is airy space far-stretching given,  
The vast unmeasur'd floor of angel-trodden Heaven.

And thou hast gone! perchance, to catch the sound  
Of seraph-voices, heard far up the sky,  
And wilt return harmonious to the ground;  
Then, with new music, taught by those on high,  
Ascend again, and carol o'er the bowers,  
When the wild-rose waves sweet, and the bee bends the flowers.

Lo! 'st thou to sing alone above the dews,  
Leaving the nightingale to cheer the night,  
When rides the moon; chasing the shadowy hues  
From the dark trees, and scattering far her light  
O'er wood and town—while thou art with the sun,  
Looking on hill and vale, where low-voiced rivers run?

I hear thy strain, now thou art nearing earth—  
Like quivering aspens moves each fluttering wing;  
Rising in glee, thou comest down in mirth:  
Hast heard the angels to their Maker slug  
The morning hymn, and com'st to teach thy mate  
The anthem thou hast brought from heaven's gold-lighted gate?

Lute of the sky! farewell, till I again  
Climb these cloud-gazing hills. Thou must not come  
To where I dwell, nor pour thy heaven-caught strain  
Above the curling of my smoky home.  
Others may hear thee—see thee—yet not steal  
That joy from thy glad song which it is mine to feel.

Numberless are the beautiful passages scattered over the works of our ancient and modern poets, descriptive of the present month. The alternate cloud and sunshine of this season have furnished them with images of the uncertainty of happiness, the vanity of fleeting pleasure, and the fickleness of all earthly things. The sunshine and showers of April are by them compared to the smiles and tears of woman, and the variability of the weather to her changing passions—perhaps wrongfully. For our part, we love April, with her fleeting showers, which, falling like golden drops through the sunshine, look as if Spring was scattering millions of yellow flowers upon the earth, or the sun was showering down, from his own golden gardens, seeds for the coming Summer.

April showers  
Bring May flowers,

is one of those old couplets which were "household words" with our ancestors—probably, centuries ago; and, from the descriptions of our early poets, we are almost led to conclude that the flowers and leaves of Spring blowed and put forth earlier than they do in the present day. The "backward" springs which we have had of late seems to have struck Coleridge, for, in his matchless poem of "Christobel," he says—

'Tis a month before the month of May,  
And Spring comes slowly up this way.

I have, on a former occasion, alluded to the beauty of the morning skies of Spring and Autumn, as being so richly blue, and so variously marbled, when the clouds are scattered like sheep over the downs of heaven, and every hillock by which they seem to rest is stained with the hues of sunrise. I have often fancied, as I have noticed the clustering clouds gathering about the east, that they were humble almsmen, waiting for the approach of the sun, who, as soon as he arose, cast off his garments, and threw his rich drapery of blue and gold and purple and crimson and silver amongst the suppliant clouds, and never deigning to appear twice in the same robes; but that all night long the golden looms of heaven were busy in preparing a new dress for his departure, on each new day—colours which no painter could ever imitate, and robes streaming out in such forms of beauty as no poet was ever yet able to describe. The picture I have here attempted in prose, I long since painted in verse, and here give my readers their choice of the two designs:—

Morning again breaks through the gates of heaven,  
And shakes her Jewell'd garments on the sky,  
Heavy with rosy gold. Aside are driven  
The vassal clouds, which bow as she draws nigh,  
To catch her scatter'd gems of orient dye,  
The pearly ruby which her pathway strows—  
Argent and amber, now thrown useless by.  
The uncolour'd clouds wear what she doth refuse—  
For only once doth Morn her sun-dyed garments use.

Mr. Gale, the celebrated aeronaut, assured me that all these beautiful visions are confined to the earth; that, when he reached an altitude of a mile and a half, he saw none of those richly coloured clouds above him; but that there all was calm and serenely blue, he having then passed through all that painters love to imitate, and poets attempt to describe. Some "fine day" I may venture nearer the "floor of heaven" and from thence paint my own picture of "this spot which men call earth."



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## APRIL.

THE SUN is situated north of the Equator, and is moving north. On the 20th, at 5h. 3m. P.M., he passes from the sign Aries to that of Taurus (the Bull), having been in the former sign 30 days, 12 hours, 7 minutes. On the 1st he is 94,998,000 miles distant from the Earth. He rises on the 8th at the E. by N.; on the 28th at the E.N.E.; and sets on the same days at the W. by N. and W.N.W. points of the horizon.

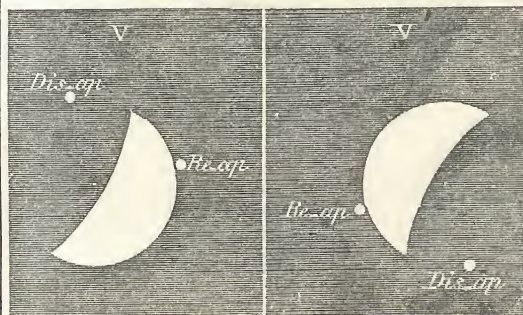
THE MOON is in the constellation Pisces till the 3rd, on which day she enters Cetus; on the 3rd, Aries; on the 4th, Taurus; on the 7th, Orion; on the 8th, Gemini; on the 9th, Cancer; on the 11th, Leo; on the 13th, Virgo; on the 15th, Libra; on the 18th, Scorpio; on the 20th, Sagittarius; on the 23rd, Capricornus; on the 25th, Aquarius; on the 27th, Pisces; on the 30th, Cetus; and on the 31st, Aries.

She is above the horizon when the Sun is below, during the morning hours from the 10th to the 23rd, and during the evening hours from the 2nd to the 15th.

She is on the Equator on the 1st; at her greatest north declination on the 8th; again on the Equator on the 14th; is at her extreme south declination on the 21st; and a third time on the Equator on the 29th.

She is near Mercury on the 1st; Saturn on the 2nd; Uranus on the 3rd; Jupiter on the 15th; Venus on the 27th; Mars on the 28th; Saturn and Uranus on the 30th.

OCCULTATION OF ZETA GEMINORUM BY THE MOON, APRIL 8, 1851, AS SEEN THROUGH A TELESCOPE WHICH



Does not invert.

Does invert.

The star disappears at the dark limb of the Moon at 9h. 6m. P.M., and reappears at the bright limb at 9h. 48m. P.M.

MERCURY is in the constellation Pisces till the 9th; in Aries from the 10th; and in Taurus from the 22nd.

He rises after the Sun all the month, and is not, therefore, visible in the morning. He sets at the same time as the Sun on the 2nd, and after the Sun from the 3rd. On the 9th he sets at 7h. 33m.; on the 12th at 7h. 57m.; on the 15th at 8h. 21m.; on the 18th at 8h. 42m.; on the 21st at 9h. 1m.; on the 24th at 9h. 16m.; on the 27th at 9h. 24m.; and, on the last day, at 9h. 28m. The Sun precedes the setting of the planet by 1h. 27m. on the 15th; by 1h. 43m. on the 18th; by 2h. 6m. on the 21st; by 2h. 10m. on the 27th; and by 2h. 9m. on the last day. These intervals of time are the greatest in the year between the times of the Sun and planet setting; and the time from the 24th day is the best in the year for observing the planet, which can be readily seen by the naked eye. He sets on the 5th at W. by N.; on the 13th at W.N.W.; and, on the 24th, at the N.W. by N. points of the horizon. He is moving slowly eastward among the stars throughout the month; is near the Moon on the 1st, and Saturn on the 7th; is in Perihelion on the 12th; is near the Pleiades on the 28th; and reaches his greatest east elongation on the 28th. His path in the heavens and relative position to stars in his neighbourhood are shown in the diagram in June.

VENUS is in the constellation Aquarius till the 16th, and in Pisces from the 17th to the end of the month.

She is a morning star, and rises on the 1st at 4h. 28m.; and on the last day at 3h. 36m.; near the E.S.E. on the 1st day; near the E. by S. on the 16th; and

near the E. point of the horizon on the last day. She is moving eastward among the stars, and is near the Moon on the 27th. Her path in the heavens during this month, and her relative position to large stars near her, are shown in the diagram in next month.

MARS is in the constellation Aquarius till the 6th, and in Pisces from the 7th to the end of the month.

He is a morning star, and rises on the 1st at 4h. 53m. P.M.; and, on the last day, at 3h. 30m. A.M.; at the E. by S. on the 6th, and the E. on the 28th. He is moving eastward among the stars, and is near the Moon on the 28th. His path in the heavens during this month, and relative position to stars situated near him, are shown in the annexed diagram.

PATH OF MARS FROM MARCH 30 TO JULY 10, 1851.



Scale, 24 degrees to one inch.

JUPITER is in the constellation Virgo throughout the month. He is visible throughout the night, and rises on the 6th at 6h. 37m. P.M.; and on the last day at 4h. 47m. P.M., between the E. and E. by S. points of the horizon. He moves slowly westward among the stars, and is near the Moon on the 15th. He souths at an altitude of 33½° on the 15th. His path in the heavens and relative position to large stars is shown in the diagram in June.

JUPITER'S SATELLITES.—Several eclipses of the first, second, and third satellites are visible. The relative position of the satellites to Jupiter at the moment of eclipse is shown in the annexed diagram, as seen through an inverting telescope.

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF EMISSION.



1st Sat.

2nd Sat.

3rd Sat.

SATURN is in the constellation Pisces till the 29th, and in Cetus on the 30th. He rises and sets at nearly the same time as the Sun, and is not favourably situated for observation.

URANUS is in the constellation Cetus till the 12th; and in Aries on the 13th. He rises, souths, and sets at nearly the same time as the Sun, and is not favourably situated for observation.

NEPTUNE rises at 4h. 50m. A.M. on the 1st, and at 3h. 56m. A.M. on the 15th, midway between the E. by S. and the E.S.E. points of the horizon.

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.						OCCULTATIONS OF STARS BY THE MOON.								
	Mercury		Venus.		Mars.		Jupiter.		Saturn.		Neptune.		Eclipses of				Names of the Stars.	Magni- tude.	Times of disappear- ance & re-appear- ance of the Star.	At which limb of the Moon	between what Latitudes visible.
	Afternoon		Morning.		Morning.		Morning.		Afternoon		Morning.		1st Sat.		2nd Sat.						
													Im. I. Emer. E.		Emersion.						
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	D. H. M.	D. H. M.	D. H. M.	D. H. M.	D. H. M.	D. H. M.	D. H. M.	D. H. M.					
1	0 4	9 21	10 15	0 38	0 49	10 6	4 3 41 A.M. I.	2 7 33 P.M.													
6	0 22	9 24	10 10	0 16	0 32	9 47	4 10 10 P.M. I.	10 0 46 A.M.													
11	0 40	9 26	10 4			9 28	12 2 13 A.M. E.	17 3 22 A.M.													
16	0 57	9 29	9 59	Aftern.	0 14	9 28	12 8 41 P.M. E.	27 7 16 P.M.													
21	1 10	9 31	9 54	11 27	Morning	9 9	19 4 6 A.M. E.														
26	1 17	9 33	9 48	11 5	11 40	8 49	20 10 35 P.M. E.														
30	1 17	9 34	9 44	10 26	11 9	8 12	28 0 29 A.M. E.														





VICTORIA, QUEEN OF GREAT BRITAIN AND IRELAND, BORN MAY 24, 1819; ASCENDED THE THRONE JUNE 20, 1837.

M	W	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SUN.				MOON.				DURATION OF MOONLIGHT.				HIGH WATER		Day of the Year.
			Rises.	Before 12 o'Clock.	Height above horizon.	Sets.	Rises.	Souths.	Sets.	Before Sunrise.	O'Clock.	After Sunset.	O'Clock.	Morning.	Afternoon	At London Bridge.	
D	D		h. m.	m. s.	Deg. h. m.	h. m.	h. m.	h. m.	Deg. h. m.	h. m.	1h. 2h. 3h.	1h. 2h. 3h.	9h. 10h. 11h.	Morning.	Afternoon		
1	Th	<i>Philp. James.</i>	4 35	2 59	53 7	21	5 10	0 9	48 3	7 21						2 10 2 25	121
2	F	Regulus souths 7h 20m P.M.	4 33	3 7	53 7	23	5 35	0 57	52 3	8 32						2 40 3 0	122
3	S	Invent. of Cross	4 31	3 14	54 7	24	6 5	1 49	56	9 45						3 15 3 30	123
4	S	2ND S. aft EAST.	4 29	3 20	54 7	26	6 42	2 42	58 1	10 49						3 50 4 5	124
5	M	Bonaparte d. 1821	4 28	3 26	54 7	27	7 27	3 38	59 4	11 51						4 25 4 45	125
6	Tu	<i>St. John Evan.</i>	4 26	3 31	55 7	29	8 23	4 36	59	Morning.						5 5 5 25	126
7	W	Beta Leonis souths 8h 41m P.M.	4 24	3 36	55 7	30	9 27	5 33	57 1	0 45						5 45 6 15	127
8	Th	Half-Quarter day	4 22	3 40	55 7	32	10 41	6 29	54 1	1 29						6 40 7 10	128
9	F	Twilight ends 10h 22m P.M.	4 21	3 44	55 7	34	11 59	7 24	50 1	2 4						7 50 8 30	129
10	S	Eta Boötis souths 11h 35m P.M.	4 19	3 47	56 7	35	Afternoon	8 17	45 3	2 36						9 10 9 50	130
11	S	3RD S. aft EAST.	4 17	3 49	56 7	36	2 38	9 8	40 1	3 1						10 30 11 10	131
12	M	Arcturus souths 10h 49m P.M.	4 16	3 51	56 7	38	4 0	10 0	34 3	3 24						11 40 No Tide.	132
13	Tu	Old May Day.	4 14	3 53	56 7	39	5 18	10 51	29 1	3 48						0 10 0 35	133
14	W	[Easter T. ends	4 12	3 54	57 7	41	6 38	11 43	24 3	4 12						1 0 1 25	134
15	Th	Cuvier died, 1832	4 11	3 54	57 7	42	7 55	Morning.	—	4 38						1 45 2 5	135
16	F	Epsilon Boötis souths 11h 2m P.M.	4 10	3 54	57 7	44	9 7	0 36	21	5 10						2 30 2 50	136
17	S	Spica Virginis souths 9h 37m P.M.	4 8	3 53	57 7	45	10 13	1 30	18 1	5 49						3 10 3 30	137
18	S	4TH S. aft EAST.	4 7	3 51	58 7	47	11 9	2 23	16 3	6 31						3 50 4 10	138
19	M	<i>Dunstan</i>	4 5	3 49	58 7	48	11 55	3 16	16 1	7 23						4 30 4 50	139
20	Tu	Arcturus souths 10h 17m P.M.	4 4	3 47	58 7	49	Morning.	4 7	17	8 21						5 10 5 30	140
21	W	Length of day 15h 48m	4 3	3 44	58 7	51	0 34	4 56	19	9 21						5 50 6 15	141
22	Th	Alpha Coronae Borealis souths 11h 23m P.M.	4 1	3 40	58 7	52	1 6	5 42	20 1	10 26						6 40 7 0	142
23	F	Length of night 8h 7m	4 0	3 36	59 7	53	1 32	6 27	25	11 30						7 30 8 0	143
24	S	Qu Vic. born, 1819	3 59	3 31	59 7	55	1 53	7 10	28 3	Afternoon						8 35 9 15	144
25	S	5TH S. aft EAST.	3 58	3 25	59 7	58	2 13	7 52	33	1 42						9 50 10 20	145
26	M	[Pr. Helena b.	3 57	3 20	59 7	57	2 33	8 34	37 1	2 48						10 50 11 20	146
27	Tu	<i>Ven. Bede. Trin.</i>	3 56	3 13	59 7	59	2 53	9 18	42 1	3 55						11 50 No Tide.	147
28	W	[Term begins	3 55	3 6	60 8	0	3 13	10 2	47	5 4						0 15 0 35	148
29	Th	Asc. Day. <i>Holy</i>	3 54	2 59	60 8	1	3 36	10 50	51 1	6 16						0 55 1 15	149
30	F	[ <i>Thursday</i>	3 53	2 51	60 8	2	4 4	11 40	54 3	7 28						1 35 1 50	150
31	S	Length of night 7h 49m	3 52	2 43	60 8	3	4 38	Afternoon	57 3	8 40						2 10 2 30	151





The sweet season, that bud and bloom forth brings  
 With green bath clad the hill, also the vale;  
 The nightingale, with feathers now she sings;  
 The turtle to her mate hath told her tale.  
 Summer is come, for every spray now springs.

HOWARD EARL OF SURREY (Beheaded 1547).

MAY ever brings pleasant memories in its very name, or the fragrant blossoms of the hawthorn have for ages been called May. Kings and Queens went forth with splendid retinues, "in the days of other years," for a rural holiday into the sweet green country to gather May. Beautiful maidens left their tiring bowers in the turreted castle, and crossed the moat in the grey of morning, to bathe the roses of their cheeks in the unsunned dews of May. The tallest and straightest tree in the hoary forest was felled, and brought home with loud shouts, and merry songs, and sounds of rustic music, and was erected on the village green, and hung with garlands in honour of May. The "prettiest low-born lass" in the village was selected, and crowned with flowers in a green arbour, and called the Queen of May, in the old days of "Merry England." And little children and young lovers still come home in the sweet evenings of the present months, bringing with them branches of May.

Then came Cromwell and his Puritans, preaching against long love-locks and May-games, and holding them up as the worst of sins. They were the death of merry-hearted May. As I have elsewhere observed, May-day was then dead and gone: they tried to revive her again on a later day; at the close of her own flowery month did they endeavour to bring her to life, to celebrate the Restoration of King Charles. Vain attempt! they dressed her pale corpse with flowers; pale, and wan, and dead, did they drag her forth, even after her soul had fled and her beauty perished: but that bright and merry sunshine of the heart, in which she could alone exist, had left the land. In vain did the Parliament make laws to restore her; she came not to life again: in vain did they pass acts, and make a parade of her through her old haunts; she stirred not, she breathed not: and the multitude soon ceased to follow the bier, when they saw that their own dear May was borne senseless beneath the garlands which were hung up to honour her; she looked not up to admire them, and then they knew that she was dead.

We have in our day danced upon the spots which her flowery garlands once overshadowed; for there are two May-poles still standing within five miles of our birth-place—one at Martin, and the other at Wheatly: the river Trent flows between them. They stand on the very spots where May-games were celebrated

in the time of Elizabeth. And now they look like skeletons of a past age—landmarks of an old, rude, but happy period. One might fancy, while gazing, that they were at times visited, in the glimpses of the "young May-moon," by the spirits of the departed village maidens—those who "died unmarried," and who in the hey-day of youth and beauty were crowned Queens of May, and looked upon with admiring eyes by many a "grey forefather of the hamlet," whose very names have ages ago been forgotten.

But the remembrance of May-day can never cease, while such artists throw around it the pleasing and life-like form which it wears in the Illustration at the head of our present month. We look upon the picture, and exclaim with Keats—

A thing of beauty is a joy for ever.

It would make a beautiful, an interesting, and a most pleasing volume, if all the best passages which have been written on May and May-day games were collected; and there are plenty of well-read gentlemen in England who have both the leisure and the taste to make such a selection, and also to enliven the extracts by their own remarks, and to enrich the whole with notes. Such a work would do good, by keeping green the memory of old scenes and old associations—customs which drew the hearts of our forefathers closer to the works of Nature; and from those to the Creator—

Who hung these lands with green, this sky with blue,  
 Who made the plains on which our cities grow;  
 And all this prosperous island what it is,  
 And ask'd but gratitude as His just due.  
 The giver God, claiming the beggar's part,  
 And asking in return a humble thankful heart.

This is the month for rook-shooting, and we can assure our readers that a pie filled with fine plump young rooks, properly seasoned, and well baked, is a good and savoury dish. I have in a former work, "Spring," attempted to translate the language of the rooks when they quarrel during the building season, for I have often fancied while watching them that I clearly comprehended what they said when falling out, as Washington Irving humourously says, "for a share of the blanket." Fancy a couple of poor rooks, returning home with a stick apiece



in their mouths (reckoning, no doubt, in their own minds how many trips they would have to make before their nest would be completed); fancy what must be their conversation when, instead of finding the nearly-finished nest as they left it, every stick and twig have been purloined during their absence by a lazy rascal and his wife, who have commenced erecting their house in the next tree. Perhaps the twigs brought by our honest and industrious rooks were the last that were required to finish their nest, and that, before starting off with them out of the neighbouring wood, Mr. Rook had said to Mrs. Rook, to encourage her, "Well, never mind, though it is rather hard work flying all this distance and returning to the rookery with such heavy pieces of timber, yet we shall now have a nice nest of our own, and can go to bed when we like, and get up again whenever we please, or at least lie awake and talk, for those low-bred people who live over our heads in the attics are always up and quarrelling at the first peep of day, and there is no getting a wink of sleep when once their tongues are set a-going; and—but bless me, how is this, we surely cannot be at home, or have we mistaken the tree? And yet that cannot be, neither! That must be Blackcap peeping out over the edge of his paracet at us; and that is Splayfoot, who lives next door—I know him by his squint; and the other nest belongs to that fellow I had such a battle with about building on this bough, I know him by his long bill and the scar above his eye, which I made with my sharp beak, and which he'll carry to his grave with him. Well, what a shame! I declare, some of the thieves out of the next street have been here during our absence and carried away every stick and stake, even to the very scaffolding. It's too bad; come along, we won't stand it any longer." So they spread out their broad black wings and away they sail to the next tree, and alight on the bough next to that occupied by the robbers, whom they have no difficulty in detecting, for the very bulk into which their nest has so suddenly grown tells that they never came honestly by the materials. "What do you mean, you black-looking scoundrel by coming and carrying off the whole of my house during my absence?" says the indignant and honest rook. "Beg your pardon," answers the dark rascal, whose very looks condemn him, "but I thought, as you were so long gone, you had perhaps left the place altogether, to live in some more peaceable neighbourhood, for this is but a queer place to live in; so, making sure that some other rook would be stepping in and walking off with the materials, why I took the liberty of coming first. Beg pardon, hope there's no offence." "No offence!" exclaims the injured rook, "take that, you thief-looking dog;" and he fetches him such a knock on the head with his beak as sends him spinning against his nest. "I will thank you not to strike my husband," says Mrs. Rook, now standing up on the edge of the unfinished nest. "Your husband deserves it, and you too, madam," replies the wife of the honest rook, "for you are both of you dishonest persons." "I would thank you to keep your impertinence to yourself, if you please," rejoins the robber's helpmate, "if you do not, I shall be under the necessity of compelling you." "You compel me, you bad, good-for-nothing madam you," answers the other; "I'd box your ears for twigs, that I would." "At your peril, dare to lift your claw against me, and I'll give you in charge." "Give me in charge!" says the other, hopping on the nest: "this stick's mine, and I'll have it; deny it if you can." "Not by my consent," says the other, also fixing her claws on the same stick; "we'll have a struggle for it." Then the battle commences: they pull, peck, strike, thrust, then stop a moment to take breath, and at it they go again. Meantime, their husbands are also fighting; the whole neighbourhood is up; from every nest a pair of eyes are peeping out on the combatants; some crying out "Serve 'em right: well done! give it 'em!" Others running off for the police; some endeavouring to separate the quarrellers; and others talking about leaving such a low neighbourhood, and retiring into some quiet respectable park, amongst rooks that have lived with old gentlemanly families.

But to return to rook-shooting. Although it does not come under the head of sporting, it is nevertheless followed up by the farmers in the country; and is as much talked of by them as the commencement of pheasant-shooting by their aristocratical neighbours. The best time to shoot young rooks is when they have quitted their nests, but dare not venture upon a further flight than from one branch to another, which they do not always reach safely, but sometimes miss their footing, and down they come, between flying and falling, and looking anything but graceful as they descend. Cross-bows, bolt-bows, and air-guns are commonly used in rook-shooting, and if the trees are pretty high it requires a good marksman to pick off one of those lumps of "budding blackness" with either bolt or bullet, for the branch is often as likely to be struck as the bird. Then what a rumpus there is amongst the old rooks, as they keep wheeling round and round—no doubt, in their own language calling the sharpshooters "murderous villains," and everything else they can "lay their tongues to." The boys also enjoy the sport, rushing in to pick up the young rooks when they have fallen, or catching them before they touch the ground in their hats or caps. In short, rook-shooting in one part of the country used to be a kind of rural holiday; for the proprietors of the rookeries cared not how many were destroyed, wrongfully believing that they did more harm than good. It has, however, been proved that where extensive rookeries have been destroyed, the corn has been devoured by insects in the following year to such an extent in some neighbourhoods as almost to produce a famine, so much have the fields been overrun by the cockchafer. This alone ought to be a plea urgent enough for the preservation of rookeries.

A walk at the end of May through beautiful country scenery is a pleasure scarcely to be enjoyed at any other season of the year, for the hawthorn hedges are then in full blossom; at no other period is the air filled with such a delicious perfume as they shed abroad. The flowers of Spring have not then faded, and

many, that Summer will weave into her gaudy garland, are beginning to bloom. Then we have the cuckoo calling to us by day, and the lute-tongued nightingale sending her gushing music through the silence of the night, while

Her clear voice makes a loud rioting,  
Echoing through all the greenwood wide.

And you wander on, as the same poet expresses it,

Till to a lawn you come, all white and green,  
You in so fair a lawn have never been.  
The ground is green with daisy powder'd o'er;  
Tall are the flowers—the grove a lofty cover:  
All green and white; and nothing else is seen.

CHAUCER'S Cuckoo and Nightingale.

The beautiful grasses have now grown tall, and stand waving their brown silky heads in the wind; or, while you gaze, a gush of light steals over them from the edge of some snowy cloud, and they seem changed, as if by the touch of a magician's wand, into a fairy forest of silver; that passes away, then the sunshine sweeps over their ranks, and they look like a large army all marching and keeping time, and shaking their plumes of gold, as they move in measured steps. The daisies too are now tall, and share in the breezy sport, though overtopped by the bold and brazen buttercups, who, like ordinary and over-dressed women, push themselves forward to be seen, and conceal the sweet and bashful beauties whom we would fain behold, and whom we know are near at hand.

In some such spot as this we composed the following lines:—

A chequer'd light streams in between the leaves,  
Which on the greensward twinkle in the sun;  
The deep-toned thrush his speckled bosom heaves,  
And like a silver stream his song doth run  
Down the low vale edg'd with fir-trees dun.  
A little bird now hops beside the brook,  
"Peeking" about like an affrighted nun;  
And ever as she drinks doth upward look,  
Twitters and drinks again, then seeks her cloister'd nook;  
Then varied colours o'er the landscape play!  
The very clouds seem at their ease to lean,  
And the whole earth to keep glad holiday.  
The lowliest bush that by the waste is seen  
Hath changed its dusky for a golden green,  
As if to honour the sweet May-day morn:  
The rutted roads did never look more clean.  
There is no dust upon the wayside thorn,  
But every May-bud looks as if but newly born.

How different are the out-of-door sounds now from what they were a few weeks ago. Then, beyond the gritting of wheels on the road, the ploughboy's whistle in some far-off field, or the solitary cawing of the rook, the whole landscape slept in comparative silence. Now the hills and valleys are alive with cattle; from nearly every hedge and tree the birds are singing; on the banks, where before the winter grass lay wan and withered, the flowers are now blooming; and the bee is abroad with his approving murmur, as if sole surveyor over all. The hedges no longer look ruinous and rent; the unsightly gaps are filled up with pleasant leaves—like shabby houses, they are now put into good repair, for Spring, who "paints the meadows with delight," has once more made them habitable, and they are now all let for another season to the birds. Nature seems to delight as much in her new attire as the sons and daughters of man; nor is she without her admirers, if even human eye regarded her not. The wild rose in the forest solitude is visited by the bees and butterflies—they come like lovers to look upon her in her secluded haunts. Even so the mountain maid is found by the hunter at times in her own fastnesses, "a phantom of delight," standing with her pitcher beside some hidden spring, happy as a fawn in its covert, and having no sympathy with the sigh he heaves while grieving that so much beauty should be buried in those untrodden wilds.

Shakspeare, in one of his exquisite snatches of song, says,

Love whose every month is May;

as if even he could find no more beautiful comparison in the rich garner of his imagination for enduring love than the month of May reigning without change. In this he has pictured Love ever young—the spring-tide of courtship, when what the tongue cannot give utterance to, the looks express—a year of flowers—one endless May hung with blossoms—days without a night, only with a longer twilight drawn like a veil over "day's garish eye," as if to shroud the nightingale while she sings, or that we might behold for a brief hour the stars in their accustomed places. Were we to fill the page, it would but be with the thoughts drawn from these six living words—

Love whose every month is May;

for, such are the master-strokes of genius, it but touches the canvas and passes on, leaving all ages to wonder at the imperishable outline it drew, doing in a moment what others could never accomplish were they to labour all the round of their dull lives. Shakspeare was a worshipper of Spring; it was the season he selected for the love scene between Venus and Adonis, for she says:—

Witness this primrose bank whereon I lie,  
Those forceless flowers, like sturdy trees, support me.

As for his sonnets, they teem with beautiful descriptions of Spring-time; and over his plays they are scattered, "thick as stars,"

Each giving each a double charin,  
Like pearls upon an Ethiop's arm.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## MAY.

THE SUN is situated north of the Equator, and is moving north; and on the 21st, at 5h. 10m. P.M., he passes from the sign Taurus to Gemini (the Twins), having been in the former sign 31 days and 7 minutes. On the 1st day he is 95,781,000 miles distant from the Earth. He rises and sets on the 26th, at the N.E. by N. and N.W. by N. points of the horizon, respectively.

The Moon is the constellation Aries till the 2nd, on which day she enters Taurus; on the 5th, Gemini; on the 6th, Cancer; on the 8th, Leo; on the 10th, Virgo; on the 13th, Libra; on the 15th, Scorpio; on the 16th, Ophiuchus; on the 17th, Sagittarius; on the 20th, Capricornus; on the 22nd, Aquarius; on the 24th, Pisces; on the 27th, Cetus; on the 28th, Aries; on the 29th, Taurus; and on the 31st she passes into Orion.

She is above the horizon when the Sun is below, during the morning hours, from the 9th to the 23rd; and during the evening hours, from the 2nd to the 15th.

She is situated north of the Equator from the 1st; is at her extreme north declination on the 5th; is on the Equator on the 12th; at her extreme south declination, on the 18th; again on the Equator on the 26th, and moving northwards.

She is near Mercury on the 2nd; Jupiter on the 12th; Mars, Saturn, and Uranus on the 27th; Venus on the 28th; and Mercury on the 29th.

MERCURY is in the constellation Taurus throughout the month.

He rises after the Sun till the 25th, and a little before the Sun from the 26th. He sets after the Sun till the 19th; on the 1st, at 9h. 28m.; on the 6th, at 9h. 20m.; on the 12th, at 8h. 50m.; and on the 19th, at 7h. 53m.: till the 4th day, the Sun sets more than two hours before the planet; on the 6th day, at 1h. 51m. before; on the 9th, at 1h. 32m. before; on the 12th, at 1h. 12m. before; on the 15th, at 47 minutes before the Sun. Till about the 10th day, the planet, though less favourably situated for observation than at the end of last month, is in a very good position for observing him. He sets very nearly at the N.W. by N. point of the horizon during the first half of the month. He is moving eastward among the stars till the 8th; is stationary among them on the 10th; and is moving westward during the remainder of the month. He is near the Moon on the 2nd; in Aphelion on the 26th; and is near the Moon again on the 29th. His path in the heavens is shewn in the diagram in June, and his relative positions to the Pleiades are also there shewn.

VENUS is in the constellation Pisces till the 24th; and in Aries from the 25th to the end of the month.

She is a morning star, and rises on the 1st, at 3h. 35m. A.M.; and on the last day at 2h. 42m. A.M.; at the East on the 2nd, at E. by N. on the 18th, and near the E.N.E. at the end of the month. She is moving eastward among the stars; is near Mars on the 6th, Saturn on the 24th, and the Moon on the 28th. She is in Aphelion on the 5th. Her path in the heavens, and relative position to neighbouring stars, are shewn in the accompanying diagram.

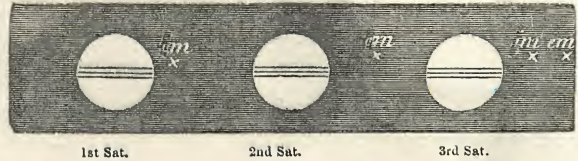
MARS is in the constellation Pisces till the 30th, and in Cetus on the 31st.

He is a morning star, and rises on the 6th at 3h. 19m. A.M.; and on the 30th, at 2h. 16m. A.M.; near the East at the beginning of the month, and E. by N. on the 22nd. He is moving eastward among the stars, and is near the Moon on the 27th. His path in the heavens, and relative position to large stars, are shewn in the diagram in last month.

JUPITER is in the constellation Virgo throughout the month.

He is visible during the greater part of the night; and sets on the 1st, at 4h. 1m. A.M.; and on the last day, at 2h. 0m. A.M., between the W. and S. by W. points of the horizon. He moves slowly westward among the stars, and is near the Moon on the 12th. He souths at an altitude of 34½° on the 15th. His path in the heavens, and his relative position to Spica Virginis, are shown in the diagram in the next month.

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION OR EMERSION.

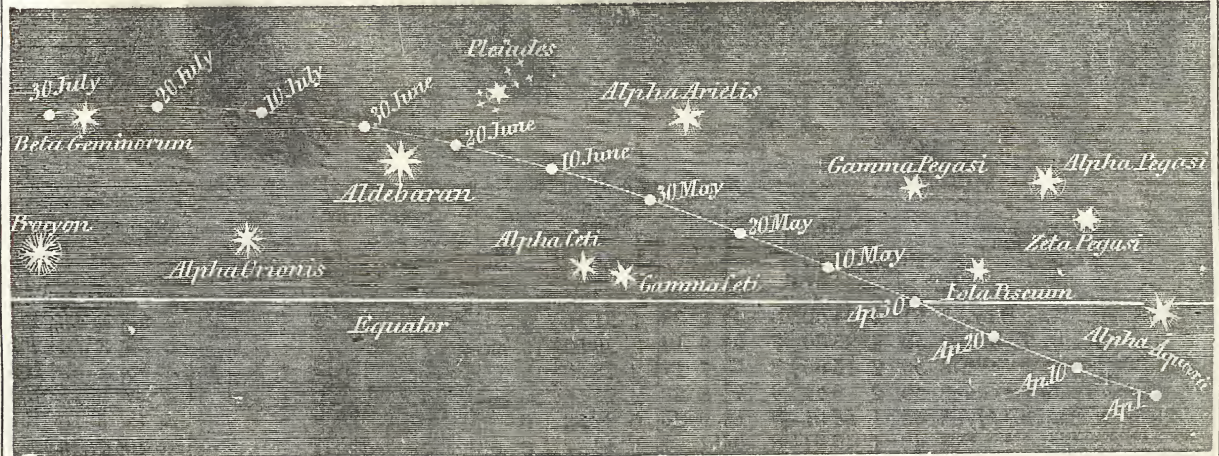


JUPITER'S SATELLITES.—Some eclipses of the 1st and 2nd are visible. The relative position of the satellite to the planet at the time of its eclipse is shown in the above diagram, as seen through an inverting telescope.

SATURN is in the constellation Cetus throughout the month.

He is visible some little time before sunrise, and rises on the 1st, at 4h. 17m.

PATH OF VENUS FROM APRIL 1 TO JULY 30, 1851.



Scale, 24 degrees to one inch.

By comparing the place of Venus in this diagram on May 5, and that of Mars on the same day in the diagram of last month, with respect to the stars it will be seen that the planets nearly occupy the same place in the heavens, and, therefore, they are near together.

A.M.; and on the last day, at 2h. 26m. A.M., near the W. by N. point of the horizon. He moves slowly eastward among the stars. (See his path in the heavens in the diagram in November.)

URANUS is in the constellation Aries throughout the month.

He rises on the 6th, at 2h. 25m. A.M.; and on the last day, at 2h. 20m. A.M. He souths on the 15th, at 10h. 29m. A.M.

NEPTUNE rises on the 1st, at 2h. 53m. A.M.; and on the 15th, at 1h. 59m. A.M.

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.				OCCULTATIONS OF STARS BY THE MOON.								
	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Neptune.		Eclipses of		Names of the Stars.	Magni- tude.	Times of disappear- ance & re-appear- ance of the Star.	At which limb of the Moon.	Between what Latitudes visible.
	Afternoon	Morning.	Afternoon	Morning.	Afternoon	Morning.	Afternoon	Morning.	1st Sat.	2nd Sat.	Emersion.	Emersion.							
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	D. H. M.	D. H. M.	D. H. M.	D. H. M.							
1	1 16	9 35	9 43	10 22	11 5	8 11	5 2 24 A.M.	4 9 53 P.M.	Chi 2 Orionis	6	{	4 10 24 P.M.	4 10 36 P.M.	Bright	Dark	40° N. & 90° N.			
6	1 7	9 37	9 37	10 0	10 48	7 52	6 8 52 P.M.	12 0 29 A.M.											
11	0 49	9 39	9 31	9 39	10 30	7 32	13 10 46 P.M.												
16	0 24	9 41	9 26	9 18	10 13	7 13	21 0 41 A.M.												
21	Morning	9 44	9 20	8 57	9 56	6 53	29 9 4 P.M.		1 Delta Cancri	4	{	7 6 54 P.M.	7 8 5 P.M.	Bright	Dark	9° N. & 81° N.			
26	11 25	9 47	9 14	8 36	9 38	6 31													
31	11 0	9 50	9 9	8 16	9 21	6 15													

RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.														
Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.	
	Right Ascension	Declination North.	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.
1	3h. 51m	22° 54'	0h. 10m	0° 37'	0h. 18m	0° 39'	12h. 59m	4° 37'	1h. 40m	8° 0'	1h. 56m	11° 20'	22h. 43m	9° 0'
6	4 2	22 58	0 32	North.	0 32	2 11	12 57	4 26	1 43	8 13	1 57	11 26	22 43	8 58
11	4 4	22 7	0 54	3 49	0 46	3 42	12 55	4 16	1 45	8 26	1 58	11 32	22 44	8 56
16	3 59	20 32	1 46	6 1	1 0	5 12	12 54	4 8	1 47	8 38	1 59	11 38	22 44	8 55
21	3 49	18 33	1 38	8 11	1 14	6 40	12 53	4 2	1 49	8 50	2 0	11 43	22 44	8 54
26	3 39	16 42	2 0	10 18	1 28	8 6	12 52	3 57	1 51	9 2	2 1	11 48	22 44	8 53

TIMES OF CHANGES OF THE MOON.			
And when she is at her greatest distance (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.			
	1d. 9h.	2m. A.M.	
NEW MOON ..	8 1	34 P.M.	
FIRST QUARTER ..	15 8	5 A.M.	
FULL MOON ..	23 1	5 A.M.	
LAST QUARTER ..	30 8	47 P.M.	
NEW MOON ..	11 7	A.M.	
PERIGEE ..	23 11	A.M.	
APOGEE ..			





ERNEST, KING OF HANOVER, BORN JUNE 5, 1771; ASCENDED THE THRONE JUNE 20, 1837.

M	D	ANNIVERSARIES, OC- CURRENCES, PES- TIVALS, &c.	SUN.				MOON.				DURATION OF MOONLIGHT.				HIGH WATER		Day of the Year.
			Rises.	Before 12 o'clock.	Height above horizon.	Sets.	Rises.	Afternoon	Height above horizon.	Sets.	Before Sunrise.	O'clock.	After Sunset.	O'clock.	Morning.	Afternoon	
1	S	S. aft. Asc. DAY.	3 51	2 34	60	8 4	5 22	1 31	59	9 44					2 50	3 10	152
2	M	[Camb. T. div.	3 50	2 25	60	8 5	6 14	2 29	59	10 42					3 30	3 50	153
3	Tu	Spica Virginis souths 8h 31m P.M.	3 50	2 16	60	8 6	7 17	3 28	58	11 31					4 10	4 30	154
4	W	Arcturus souths 9h 18m P.M.	3 49	2 6	61	8 7	8 29	4 25	56	Morning.					4 55	5 15	155
5	Th	K. of Han. b. 1777	3 49	1 56	61	8 8	9 46	5 21	52	0 9					5 45	6 10	156
6	F	Epsilon Bootis souths 9h 40m P.M.	3 48	1 46	61	8 9	11 7	6 14	47	0 40					6 40	7 10	157
7	S	Ox. Term ends	3 47	1 35	61	8 10	Afternoon	7 54	42	1 7					7 40	8 15	158
8	S	WHIT SUNDAY	3 46	1 24	61	8 11	1 44	7 55	35	1 30					8 55	9 30	159
9	M	Whit Monday	3 47	1 12	61	8 12	3 2	8 45	31	1 53					10 5	10 40	160
10	Tu	Whit Tuesday	3 46	1 1	61	8 12	4 21	9 35	26	2 16					11 10	11 40	161
11	W	Emb. Week. Oxf.	3 46	0 49	61	8 13	5 36	10 27	22	2 41					No Tide.	0 10	162
12	Th	[Term begins	3 45	0 37	61	8 14	6 49	11 19	19	3 9					0 35	1 0	163
13	F	Length of day 16h 30m. P.M.	3 45	0 25	61	8 15	7 57	Morning.		3 43					1 25	1 50	164
14	S	Antares souths 10h 50m P.M.	3 45	0 13	61	8 16	8 58	0 12	17	4 23					2 10	2 35	165
15	S	TRIN. SUNDAY	3 44	0 0	61	8 16	9 49	1 5	16	5 11					2 55	3 15	166
16	M	Trin. Monday	3 44	After 12 o'clock.	61	8 16	10 32	1 57	16	6 6					3 35	3 55	167
17	Tu	St. Alban	3 44	0 25	62	8 16	11 7	2 48	18	7 9					4 10	4 30	168
18	W	B. of Waterl. 1815	3 44	0 38	62	8 17	11 35	3 36	20	8 11					4 50	5 10	169
19	Th	Corpus Christi	3 44	0 51	62	8 18	11 59	4 21	23	9 15					5 30	5 50	170
20	F	Queen Vic. acces.	3 44	1 4	62	8 18	Morning.	5 52	7	10 22					6 10	6 35	171
21	S	Procl. Queen Vic.	3 44	1 17	62	8 18	0 18	5 47	31	11 26					6 55	7 15	172
22	S	1st S. aft TRIN.	3 45	1 30	62	8 19	0 38	6 29	34	Afternoon					7 45	8 15	173
23	M	[Longest day	3 45	1 43	62	8 19	0 56	7 11	40	1 37					8 45	9 20	174
24	Tu	St. John Baptist.	3 45	1 56	62	8 19	1 18	7 55	45	2 46					9 50	10 20	175
25	W	[Midsum. Day	3 46	2 8	62	8 18	1 40	8 41	49	3 55					10 50	11 20	176
26	Th	Length of day 16h 32m	3 46	2 21	62	8 18	2 5	9 29	53	5 7					11 50	No Tide.	177
27	F	Length of night 7h 23m	3 46	2 34	61	8 18	2 37	10 22	56	6 19					0 10	0 40	178
28	S	Q. Vic. cro. 1838	3 47	2 46	61	8 18	3 14	11 18	58	7 28					1 0	1 25	179
29	S	2ND S. aft. TRIN.	3 47	2 59	61	8 18	4 4	Afternoon	59	8 30					1 45	2 10	180
30	M	[St. Peter.	3 48	3 11	61	8 18	5 4	1 17	58	9 26					2 30	2 55	181





The poetry of earth is never dead;  
When all the birds are faint with the hot sun,  
And hide in cooling trees, a voice will run  
From hedge to hedge about the new-mown mead;  
That is the grasshopper's: he takes the lead  
In Summer luxury; he has never done  
With his delights; for, when tired out with fun,  
He rests at ease beneath some pleasant weed.—JOHN KEATS.

JUNE ushers in Summer and the longest day. What a contrast to the middle of December, when, instead of closing the shutters and lighting the candles by four o'clock, we have at the same hour the sun high up amid the blue of heaven, and five long hours of daylight behind, before the purple twilight drops down. Yet these changes strike us not unless we look back, so almost imperceptibly do the days "put out" and "draw in," stealing like sleep upon us unawares—for so engaged are we in watching the changes the seasons bring, that light and darkness flit by like the passing moment, unheeded.

June is Nature's jubilee: on every hand we hear the birds singing; on whichever side we look we see the flowers in bloom; the bee and the butterfly hasten from blossom to blossom: the one slow and steady in his movements, scarcely leaving a bell in the neighbourhood in which he murmurs unvisited, seeming to know that Summer will not last long, and that he must gather honey while the flowers blow, and the sun shines: the other goes jerking his wings from bud to bud, and, without any aim or object save to wile away the passing hours, alights and swings himself just so long as he pleases, as if he knows that his reign will soon be over, and that, when the flowers are gone, his little day will be ended, and the part he has played in the masque of Summer forgotten. The poet Spenser has painted the life of a butterfly as one unceasing round of pleasure. He says:—

What more felicity can fill a creature  
Than to enjoy delight with liberty,  
And to be lord of all the works of Nature?  
To reign in the air, from earth to highest sky—  
To feed on flowers, and weeds of glorious feature?  
To take whatever thing doth please the eye?  
Who rests not pleased with such happiness,  
Will worthy be to taste of wretchedness.

It is ever pleasant to us, who are the "slaves of the lamp," to visit the steam-boat wharves and the railway stations, and to look at the happy, eager groups who are hurrying off to enjoy the air of the sweet country, or to blow off the smoke of London by the breezy sea-side. Although, at times, we can only accompany them in fancy, still our visions of the flowery meadows and heath-covered hills, and cool old forests, are fresh as in the days of boyhood. Not that

the neighbourhood of London—beautiful as it is—can ever charm us like the sylvan solitudes of Sherwood Forest, or the green uplands and wild wide marches and undated woods of our own native Lincolnshire. Dreamers we have ever been but, although the stern realities of life have thrown their forbidding shadows over the sunshine in which we basked, they have never wholly blotted out our brighter visions. Glimpses of far-off places are ever opening before us—"green nesting spots" which we have loved from childhood. Nature hath never wearied us, but the more we have looked upon her face, the greater has been our admiration, even as a child whose eye tracks the sunset across the sea, while it believes that the trailing pathway of gold ends only on the threshold of Heaven. And what are our dreams of Heaven here? but of a land

Where one eternal Summer reigns—

an endless June, without the carking cares of this busy life—an existence unbroken by sorrow, and unclouded by care—an Elysium in which sighs are never heaved, nor tears ever shed—a land in which there is no night, where the flowers never die—an abode of never-ending happiness. These are but the delights which a mortal mind can conceive—dreams more highly-coloured of earthly delights; and further we are not permitted to penetrate: "eye hath not seen, nor heart conceived," what lies beyond the grave.

To keep up our series of pictures of rural sports or each month, we shall now glance at hawking, which, from the quarry flown at, must have been followed up nearly all the year round, and can, therefore, belong to no particular month. Hawking was as popular a sport in the olden time as stag-hunting, and appears to have been followed almost as much by the ladies as by the other sex. Amongst the old pictures we often see the figure of some forgotten beauty, with a falcon perched on her wrist, her fair hand covered with her hawking glove. The hawks were taken to the field hooded on a frame, carried by one of the falconers, who was a man of some note at this period; a favourite falcon was now and then honoured by being borne to the field on the wrist of its pretty mistress. The legs of the hawk were also adorned with bells, which were frequently made of silver, and no expense was spared to render them soft and musical. The hawk was of course stripped of all its trappings when flown at the quarry. Hawking was fol-



lowed both on foot and on horseback. When on foot, he who followed it carried a stout pole, by the aid of which he leaped the water-courses and ditches. It was while hawking on foot that Henry VIII. got a good ducking; pity he was not drowned, for at that period his name was not then stained with blood; but Heaven willed it otherwise.

The laws for the protection of hawks were almost as severe as those passed to preserve vert and venison (forest trees and deer). Only the nobles and persons of wealth were permitted to keep hawks. If a hawk was lost, he who found it was compelled to give notice to the sheriff, under a heavy fine, when a proclamation was issued for miles around, and a description given of the hawk. If the finder concealed the bird, he had to give it up, and pay its full value or suffer two years' imprisonment; the value was no trifling matter in those days, as a good hawk was sometimes sold for one hundred pounds, which was worth about three hundred at the present value of money. Any one taking away the eggs of the hawk was imprisoned twelve months and a day. Kings sent choice hawks to one another as presents, and even grave judges were not proof against the bribe of a falcon. One of our Kings was so attached to hawking, that he could not invade a foreign country without being attended by his falconers. In France, our Edward III. was followed by thirty mounted falconers. Mews were the names of the places in which hawks were formerly kept, and many stables still bear the name.

The peregrine falcon appears to have been held in the highest estimation by our ancestors, as he was a bold, daring bird, possessing great courage, and never hesitated to pounce upon any quarry which he met in his high airy domain; he, however, never prolonged the sufferings of his victim, but once having seized his prey plunged his piercing bill into its vitals, and killed it in an instant. The grasp of his formidable talons was like that of a vice, and when once the prey was struck there was no escaping. The Gersfalcon was celebrated for attacking larger game, such as herons, cranes, bittern, and other birds that haunt the waters. His plan of attack was by outsoaring his prey, and when he had gained a sufficient altitude falling upon it like a thunderbolt. I do not know who is the author of the following passage, but it is one of the most graphic descriptions of hawking I have ever met with, and will convey to my readers a better picture of this, all but obsolete, sport than I am able to draw. I, therefore, give it entire. "When I have, in my youthful days, been as glad as ever I was to come from school to see a little martin, in the dead time of the year, make her way through the midst of a multitude of foul-mouthed ravenous crows and kites, which pursued her with more hideous cries and clamours than did Coll the dog and Malkin the maid, like the fox in the apologue,

When the geese for fear flew over the trees.  
And out of their hives came the swarms of bees.—CHAUCE.

and maugre (in spite of) all their opposition, pulled down her prey bigger than herself, being mounted aloft, steeple-high, down to the ground. To hear one relate how he went forth in a clear, calm, and sunshiny evening, about an hour before the sun did usually mask himself, unto the river, where, finding a mallard, he whistled of his falcon, and how she flew from him, as if she would never have turned her head again, yet presently, upon a shout, came in; how then, by little and little, by flying about and about, she mounted so high, until she had lessened herself, to the view of the beholder, to the shape of a pigeon or a partridge, and made the height of the moon the place of her flight; how, presently, upon the landing of the fowl, she came down like a stone and renewed it, and suddenly got up again; and suddenly, upon a second landing came down again, and, missing of it in the down-come, recovered it, beyond expectation, to the admiration of the beholder. To hear him tell how he went forth to the woody fields and pastures to fly the cock, where having, by the little white feather in his tail, discovered him in a brake, he cast off a tassel-gentle (a hawk), and how he never ceased in his circular motion until he had recovered his place; how, suddenly, upon the flashing of the cock, he came down, and, missing it in the down-come, what working there was on both sides. How the cock mounted as if he would have pierced the skies; how the hawk flew a contrary way until he made the wind his friend; how, then, by degrees, he got up, yet never offered to come in until he had got the advantage of the higher ground; how, then, he made in, what speed the cock made to save himself, and what hasty pursuit the hawk made, and how after two long miles' flight killed it, yet in killing it killed himself. These discourses I love to hear, and can well be content to be an eye-witness of the sport when my occasions will permit." The whole extract might rank side by side with the finest descriptions of Izaak Walton, and we regret that we cannot give our readers the name of its old author, neither do we know at this moment where we first found the passage, although we have some dim recollection that it was while hunting for facts for our "Historical Romances," in the British Museum, several years ago.

The hobby is one of the smallest species of falcon, and was used for hawking at such birds as larks; and so daring is this little hawk (which is still very common in England), that it has been known to dash in at an open window, at a bird in a cage, when several persons have been in the room. In fowling, this bird was frequently thrown up to keep the birds cowering upon the ground while the net was thrown over them.

The kestrel is one of the most beautiful of the falcon tribe; it may still often be seen, hovering, apparently, motionless in the air, until it discovers its prey, when down it drops like a stone: its vision must be very powerful, when it can see a little bird, or a mouse, from such an altitude. A kite or glede will pounce upon a young hare or rabbit; it has been known to carry off a chicken from the threshold of a cottage, when the owner has been standing within arm's length. Its outspread wings have measured six feet from tip to tip. Buffon says, "One

cannot but admire the manner in which its flight is prepared; his long and narrow wings seem immovable; it is his tail that seems to direct all his evolutions, and he moves it continually; he rises without effort, comes down as if he were sliding along an inclined plane—he seems rather to swim than fly; he darts forward, slackens his speed, stops, and remains suspended or fixed in the same place for whole hours, without exhibiting the smallest motion of his wings." It is on record, that in the time of Henry VIII. kites were often seen in the streets of London gathering up the offal which the inhabitants threw out; nor is this to be wondered at, when we remember that the country around London was wild and open for miles. We have frequently seen the kite hovering above a country town.

The noblest quarry flown at in ancient times appears to have been the heron, as he showed the best sport by attempting to outsoar the hawk. It is said that when the hawk descended on its prey, the heron would sometimes turn suddenly round, and receive its enemy on its sharp bill, which, through the velocity of the descent, went, at times, clean through the body of the falcon. This, however, appears to be doubtful, although not impossible. Hawks must have been of great use before the invention of gunpowder, for the fowler's instruments underwent but little improvement during the lapse of centuries.

Having done humble homage in verse to the skylark, I must, before the "leafy month of June" passes away, and her song ceases, pay my tribute of song

#### TO THE NIGHTINGALE.

Sweet Nightingale! well doth thy lovely song  
Accord with the hush'd breath of moonlight hours;  
The green old trees thou warblest now among  
Seem listening silent as the folded flowers:  
A mute-lipp'd audience all, who bow profound  
Beneath the whispering breeze that bears so sweet a sound.

What countless years, grey on the scroll of time,  
Hath thy rich music charm'd the ancient earth!  
When Eden's rosy vales were free from crime,  
Even before the dark-brow'd Cain had birth,  
Thy song was heard, bringing to Eve repose,  
When her long unbound locks droop'd o'er the thornless rose.

That thou wert once a woman we believe,  
Or such rich music never had been thine.  
Poor bird! thou doubtless hadst much cause to grieve,  
And vowed a vow at Melody's sweet shrine,  
Before the echoing altar, through the night,  
To keep harmonious watch, and warble back the light.

The moon, the stars, darkness, the oldest gloom,  
Are all familiar with thy witching lay:  
The brook, the trees, the Summer's opening bloom,  
The silent wood, the blushing dawn of day—  
These all have heard thee, and old forests dim,  
Ere trod by man, rung back thy soft and silvery hymn.

And I have heard thee when my heart was sad,  
And thy sweet notes have oft-times soothed my woe;  
Rising and falling, sorrowful and glad,  
Just as the feeling seem'd to come or go.  
In darkness, in old Sherwood, wild and lone,  
I've heard thee sing until the crimson break of dawn.

What a truthful and countrified look has our Artist thrown into the Engraving which heads the present month! How happy the boy looks reclining on the shadowy embankment at the foot of the tree in the foreground of the picture. Nor do the cattle appear as if they were in any hurry to leave the cool water, while such hot sunshine is scorching up the hay-field. We know that the large dragon-fly is somewhere at hand, although we see it not; and that many a wild bird comes to drink and twitter in that shady pool, which has for many a long year reflected the stem of that ancient pollard. Such is the advantage art possesses over literature: it brings before the eye the whole subject at a glance; while the latter drags the scene forward by bits at a time, and line after line must be perused before the reader can comprehend the true meaning of the word-painted picture.

Pleasant is it now to wander into the solemn woods—those grand cathedrals which God himself has erected. To us a holier religion seems at times to reign over the forest solitudes than in the temples built by the hand of man. The deep roaring of the winds through the mossy branches have a sound in our ears unlike aught earthly: the rustling of the leaves, stirred by gentle gales, awakes the heart unaware to prayer; we feel not as we do at other times, when alone in the midst of forest scenery. The pillars hewn, and carved, and upreared by mortal hands, look not so grand and reverential, in our eyes, as an aisle of ancient oaks such as may be seen in Birkland or Sherwood Forest, tossing their gnarled and weather-stained branches above our heads, and admitting, through their mossy tops, glimpses of the sky, the starry ceiling which God hung up. The organ never falls upon ears in such solemn tones as the roaring of the ocean, and the breaking of the waves upon a rocky shore. Between the walls of high and lonely mountains we have felt an inward awe, which the vaulted abbey could never awaken; for, over the one hung the great image of the Creator—above the other, we saw, standing on his scaffold, the builder, man.

To climb the trackless mountain all unseen,  
With the wild flock that never needs a fold;  
Alone o'er steep and foaming falls to lean;  
This is not solitude—'tis but to hold  
Converse with nature's charms, and see her stores unroll'd.—BYRON.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## JUNE.

THE SUN is situated north of the Equator, and reaches his extreme position in north declination on the 21st. He is in the sign Gemini till the 22nd, having been in that sign 31 days 8 hours 31 minutes. On the 22nd, at 1 h. 41m. A.M., he enters the sign Cancer (the Crab), and Summer commences. His distance from the Earth on the first day is 96,374,000 miles. He rises at the beginning of the month at 2° N. of N.E. by N., and about the 20th, at about 5° N. of the same point; and sets at the same distances respectively N. of N.W. by N.

The Moon on the 1st passes from the constellation Orion to that of Gemini; on the 3rd, she enters Cancer; on the 4th, Leo; on the 6th, Virgo; on the 10th, Libra; on the 12th, Scorpio; on the 12th, Ophiuchus; on the 14th, Sagittarius; on the 16th, Capricornus; on the 18th, Aquarius; on the 20th, Pisces; on the 24th, Cetus; on the 24th, Aries; on the 25th, Taurus; on the 27th, Orion; on the 28th, Gemini; and, on the 30th, she passes into Cancer.

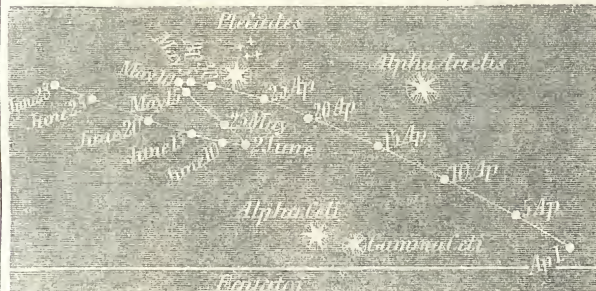
She is above the horizon when the Sun is below, during the morning hours, from the 9th to the 26th; and during the evening hours from the 1st to the 16th.

She is at her extreme north declination on the 2nd; is on the Equator on the 8th; at her extreme south declination on the 15th; again on the Equator on the 22nd; and again at her extreme north declination on the 29th; after which she moves southwards.

She is near Jupiter on the 8th; Saturn and Uranus on the 24th; Mars on the 25th; Venus and Mercury on the 27th.

MERCURY is in the constellation Taurus throughout the month.

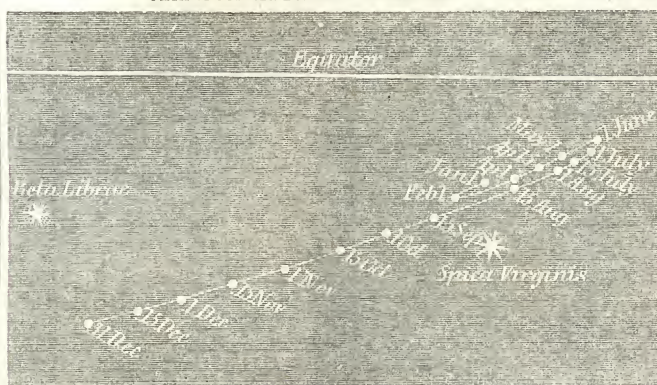
PATH OF MERCURY FROM APRIL 1 TO JUNE 28, 1851.



Scale, 24 degrees to one inch.

He rises before the Sun on the 1st, at 3h. 31m.; on the 15th, at 2h. 52m.; on the 26th, at 2h. 40m.; and on the last day at 2h. 44m. These times are 20m., 52m., and 1h. 4m. before sunrise respectively. He is, therefore, rather favourably situated for observation, before sunrise, towards the end of the month. He

PATH OF JUPITER DURING THE YEAR 1851.



Scale, 12 degrees to one inch.

sets before the Sun throughout the month. He rises near the E.N.E. on the 1st, and N.E. by N. on the 26th. On the 1st and 2nd he is stationary among the stars; and from the 3rd he is moving eastward; at his greatest west elongation on the 15th; and is near the Moon on the 27th. His path in the heavens is shown in the first diagram in the opposite column.

VENUS is in the constellation Aries till the 10th; in Taurus from the 11th to the end of the month.

She is a morning star, and rises on the 1st at 2h. 41m., and on the last day at 2h. 14m.; on the 5th at E.N.E., and on the last day at the N.E. by N. point of the horizon. She is moving eastward among the stars; and is near the Moon on the 27th. Her path in the heavens is shown in the diagram in last month; as well as her relative situation with respect to the fixed stars near her.

MARS is in the constellation Cetus till the 4th; and in Aries from the 5th to the end of the month.

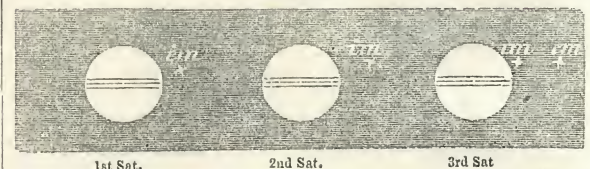
He is a morning star, and rises on the 5th at 1h. 57m. A.M.; and on the 29th, at 1h. 1m. A.M.; at the E.N.E. on the 18th. He is moving eastward among the stars; is near Saturn on the 5th, and the Moon on the 25th. His path among the stars during this month is shown in the diagram in April.

JUPITER is in the constellation Virgo throughout the month.

He is visible during the first part of the night, and sets on the 1st at 1h. 56m. A.M., and on the last day at about midnight, between the W. and W. by S. points of the horizon. He is almost stationary among the stars till towards the end of the month, when he begins to move eastward, and is near the Moon on the 8th. He souths at an altitude of 34½° on the 15th. His path among the stars during the whole year is shown in the second diagram in the opposite column.

JUPITER'S SATELLITES.—Some eclipses of the 1st, 2nd, and 3rd are visible. The relative position of the satellites to Jupiter at the instant of the eclipse is shown in the annexed diagram, as viewed through an inverting telescope.

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION OR EMERSON.



SATURN is in the constellation Cetus till the 10th, and in Aries from the 11th to the end of the month.

He is a morning star, and rises on the 1st at 2h. 26m. A.M.; and on the last day, at 0h. 33m. A.M., near the W. by N. point of the horizon. He moves slowly eastward among the stars, and is near the Moon on the 24th.

URANUS is in the constellation Aries throughout the month. He rises on the 5th, at 2h. A.M.; and on the 29th, at 0h. 28m. A.M. He souths on the 15th, at 8h. 32m. A.M.

NEPTUNE rises on the 1st, at 0h. 55m. A.M.; and on the 15th, at 1h. 52m. P.M.

## JULY.

THE MOON, on the 1st, passes from the constellation Cancer to Leo; on the 5th she enters Virgo; on the 7th, Libra; on the 9th, Scorpio and Ophiuchus; on the 11th, Sagittarius; on the 13th, Capricornus; on the 16th, Aquarius; on the 17th, Pisces; on the 21st, Cetus; on the 22nd, Aries; on the 23rd, Taurus; on the 25th, Orion; on the 26th, Gemini; on the 27th, Cancer; on the 29th, into Leo; and on the 31st she enters Virgo.

On the 13th there will be an eclipse of the Moon: it will be visible in America, but not here.

She is near Jupiter on the 5th, Uranus and Saturn on the 21st, Mars on the 24th, Venus on the 27th, Mercury on the 29th.

She is situated north of the Equator till the 5th; is at her extreme south declination on the 13th; is on the Equator on the 20th; and is at her extreme north declination on the 27th, after which she moves southwards.

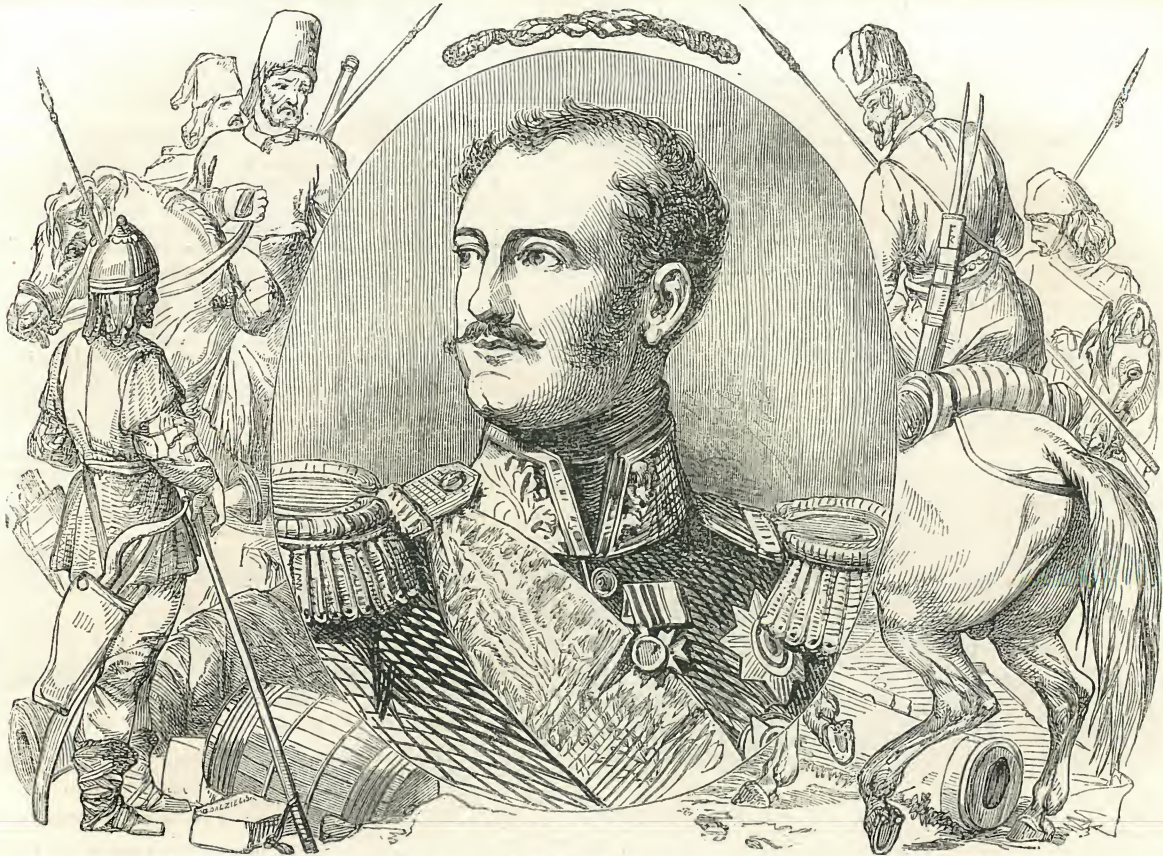
She is above the horizon when the Sun is below, during the morning hours, from the 8th to the 26th; and during the evening hours from the 1st to the 16th, and during the early evening hours on the 30th and 31st.

MERCURY is in the constellation Taurus till the 3rd, in Gemini from the 3rd to the 16th, in Cancer from the 17th to the 26th, and in Leo from the 27th.

(Continued on page 31.)

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.						OCULTATIONS OF STARS BY THE MOON.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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NICHOLAS, EMPEROR OF RUSSIA, BORN JULY 7, 1796 (o. s.); ASCENDED THE THRONE DECEMBER 1, 1825 (o. s.)

M	W	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SUN.					MOON.					DURATION OF MOONLIGHT.					HIGH WATER		Day of the Year.
			Rises.	After 12 o'clock.	Height above moon	Sets.	Rises.	Afternoon	Sets.	Afternoon	Before Sunrise.	O'clock.	1h. 2h. 3h.	Moon's Age.	After Sunset.	O'clock.	9h. 10h. 11h.	Morning.	Afternoon	
D	D		H. M.	M. S.	D. G.	H. M.	H. M.	H. M.	Deg.	H. M.							H. M.	H. M.		
1	Tu	Ox. Act. & C. co.	3 49	3 23	61 <sup>3</sup> / <sub>4</sub>	8 17	6 14	2 17	57	10 10				2			3 15	3 40	182	
2	W	Sir R. Peel d. 1850	3 49	3 34	61 <sup>1</sup> / <sub>2</sub>	8 17	7 31	3 14	53 <sup>1</sup> / <sub>2</sub>	10 42				3			4 0	4 25	183	
3	Th	Dog Days begin	3 50	3 46	61 <sup>1</sup> / <sub>2</sub>	8 16	8 52	4 10	49	11 13				4			4 45	5 10	184	
4	F	Trans. St. Martin	3 51	3 57	61 <sup>1</sup> / <sub>2</sub>	8 16	10 14	5 24	44	11 36				5			5 35	6 0	185	
5	S	Ox. Term ends	3 52	4 8	61 <sup>1</sup> / <sub>2</sub>	8 16	11 31	5 53	38 <sup>1</sup> / <sub>2</sub>	At Midnight.				6			6 30	6 55	186	
6	S	3RD S. aft. TRIN.	3 53	4 18	61 <sup>1</sup> / <sub>4</sub>	8 15	Afternoon	6 43	33 <sup>1</sup> / <sub>4</sub>	Morning.				7			7 25	7 55	187	
7	M	Thos. à Becket	3 54	4 28	61 <sup>1</sup> / <sub>4</sub>	8 15	2 7	7 32	28 <sup>1</sup> / <sub>4</sub>	0 22				8			8 30	9 5	188	
8	Tu	Fire Insurance due	3 55	4 38	61 <sup>1</sup> / <sub>4</sub>	8 14	3 23	8 22	23 <sup>1</sup> / <sub>4</sub>	0 45				9			9 35	10 5	189	
9	W	Duke of Cambridge died, 1850	3 56	4 47	61 <sup>1</sup> / <sub>4</sub>	8 14	4 36	9 13	20 <sup>1</sup> / <sub>4</sub>	1 12				10			10 40	11 15	190	
10	Th	Alpha Serpentis souths Sh 24m P.M.	3 57	4 56	60 <sup>3</sup> / <sub>4</sub>	8 13	5 45	10 5	17 <sup>3</sup> / <sub>4</sub>	1 43				11			11 45	No Tide.	191	
11	F	Old St. Peter	3 58	5 4	60 <sup>3</sup> / <sub>4</sub>	8 13	6 49	10 58	16 <sup>1</sup> / <sub>2</sub>	2 20				12			0 15	0 45	192	
12	S	Bat. Boyne, 1690	3 59	5 12	60 <sup>1</sup> / <sub>2</sub>	8 12	7 44	11 50	16 <sup>1</sup> / <sub>2</sub>	3 5				13			1 10	1 35	193	
13	S	4TH S. aft. TRIN.	4 0	5 20	60 <sup>1</sup> / <sub>2</sub>	8 11	8 27	Morning.	—	3 57				14			2 0	2 20	194	
14	M	Alpha Hercules souths 9h 39m P.M.	4 1	5 27	60 <sup>1</sup> / <sub>2</sub>	8 10	9 6	0 40	17 <sup>1</sup> / <sub>2</sub>	4 55				15			2 40	3 5	195	
15	Tu	St. Swithin	4 2	5 33	60	8 9	9 36	1 29	19	5 57				16			3 20	3 40	196	
16	W	Day decreased 29 minutes	4 3	5 39	60	8 8	10 2	2 16	22	7 3				17			3 55	4 15	197	
17	Th	Alpha Ophiuchi souths 9h 45m P.M.	4 4	5 45	59 <sup>3</sup> / <sub>4</sub>	8 7	10 23	3 0	25 <sup>1</sup> / <sub>2</sub>	8 8				18			4 30	4 45	198	
18	F	Length of day 16h 1m	4 5	5 50	59	8 6	10 43	3 43	29 <sup>1</sup> / <sub>2</sub>	9 13				19			5 5	5 25	199	
19	S	Alpha Lyre souths 10h 44m P.M.	4 6	5 54	59	8 5	11 2	4 25	33 <sup>1</sup> / <sub>2</sub>	10 18				20			5 40	6 0	200	
20	S	5TH S. aft. TRIN.	4 8	5 58	59	8 4	11 21	5 7	38 <sup>1</sup> / <sub>2</sub>	11 24				21			6 20	6 40	201	
21	M	[St. Margaret	4 9	6 2	59	8 3	11 42	5 49	42 <sup>1</sup> / <sub>2</sub>	Afternoon				22			7 0	7 20	202	
22	Tu	Magdalene	4 10	6 5	58 <sup>3</sup> / <sub>4</sub>	8 2	Morning.	6 33	47 <sup>1</sup> / <sub>4</sub>	1 37				23			7 45	8 15	203	
23	W	Gibraltar t., 1704	4 11	6 7	58 <sup>3</sup> / <sub>4</sub>	8 0	0 5	7 19	51 <sup>1</sup> / <sub>2</sub>	2 46				24			8 50	9 20	204	
24	Th	[of Cam. b., 1795	4 12	6 9	58 <sup>1</sup> / <sub>2</sub>	7 58	0 33	8 9	55	3 57				25			9 55	10 25	205	
25	F	St. James. Duch.	4 14	6 11	58 <sup>1</sup> / <sub>4</sub>	7 56	1 7	9 2	57 <sup>3</sup> / <sub>4</sub>	5 6				26			11 0	11 35	206	
26	S	St. Anne	4 15	6 11	58	7 54	1 50	9 59	59 <sup>1</sup> / <sub>4</sub>	6 11				27			No Tide.	0 5	207	
27	S	6TH S. aft. TRIN.	4 17	6 12	57 <sup>3</sup> / <sub>4</sub>	7 53	2 46	10 59	59 <sup>1</sup> / <sub>4</sub>	7 10				28			0 34	1 0	208	
28	M	Eclipse of Sun	4 19	6 11	57 <sup>1</sup> / <sub>2</sub>	7 51	3 52	Afternoon	58 <sup>1</sup> / <sub>2</sub>	8 1				29			1 25	1 50	209	
29	Tu	Alpha Aquilæ souths 11h 15m P.M.	4 21	6 10	57 <sup>1</sup> / <sub>4</sub>	7 50	5 8	1 1	55 <sup>1</sup> / <sub>4</sub>	8 41				30			2 15	2 40	210	
30	W	Length of day 15h 26m	4 23	6 8	57 <sup>1</sup> / <sub>4</sub>	7 49	6 29	1 59	51	9 14				31			3 5	3 25	211	
31	Th	Alpha Cygni souths at mid- night	4 24	6 6	57	7 47	7 51	2 54	46	9 39				3			3 50	4 10	212	



JULY.



And I have felt  
A presence that disturbs me with the joy  
Of elevated thoughts; a sense sublime  
Of something far more deeply interposed,  
Whose dwelling is the light of setting suns,  
And the round ocean and the living air,  
And the blue sky, and in the mind of man.—WORDSWORTH.

READER, of either sex, if thou wert ever in love thou wilt heave a gentle sigh, and a faint smile, like that of an April sunshine streaming with subdued brilliancy through a cloud, will light up thy features, while gazing on this beautiful Engraving. If a man, and thou didst woo and win her in the country, thou wilt again hear the murmuring of the waters, and see her form once more mirrored on its surface, even as it is before him who here sits beside her on the bank, pouring tender vows into her heart, while that heart beats like the bosom of a bird amongst the blossoms which overhang its callow young. If thou art a lady, thou wilt remember how tenderly he led thee by the hand through the deep underwood, lifting up every hooked bramble and straggling thorn, lest thou mightest stumble; and, where cool shadows sheltered thee from the hot sun of July, he made thee a seat of the rustling fern, just where a branching hazel, overtopped by a giant elm, drooped over thy beauty, and how here thou didst, with blushing cheeks and downcast eyes, swear to become his for ever. That day thou canst never forget; that scene has floated between thy dreams and heaven thousands of times, even to the very quivering of the sunlight through the leaves as it played upon his cheek, when he clasped thee (nothing loth) in his arms, and called Heaven to sanctify his vow.

Our summer sun may squander  
A blaze serenest, grander;  
Our autumn beam may, like a dream  
Of heaven, die calm away;  
But, no—let life before us  
Bring all the light it may,  
’Twill shed no lustre o’er us,  
Like that first trembling ray.—T. MOORE.

Who lives in that dear old cottage now? What face peeps between that leaden diamond-shaped lattice round which the roses climbed to peep at thy beauty? Is the little bed of mignonette still cultivated that grew below, on which the small gravel often fell when we threw it on the moonlit casement, nor ceased until thy beauty, like a reflecting star, appeared between the envious blinds? Oh, Love! Oh, Time! Oh, Death! A trembling hand parts the thick sweet-

briar over a daisy-covered grave, and below sleeps all that was once so lovely. We lingered not behind to weep, but, with staff in hand, wandered many a 'lonely mile among the ruins of castles over which the wall-flowers waved, by the shadows of mighty cathedrals, among the crumbling monuments of forgotten pride, and returned, after many months, sad but calm, half broken-hearted, but resigned, burying ourselves for days in the bowers of the Muses, until they listened to our low lispsings, and hearkened, with heads aside, while we told them all our sorrows in song. In vain do we still inquire

Whence these feelings rise,  
Sorrowful mornings on the darken'd soul;  
Glimpses of broken, bright, and stormy skies,  
O'er which this earth, the heart has no control?  
Why does the sea of thought thus backward roll?  
Memory's the breeze that through the cordage raves,  
And ever drives us on some homeward shoal,  
As if she loved the melancholy waves,  
That, murmuring, shoreward, break above a reef of graves.—T. M.

How calm and beautiful is a Summer Sunday in the country! The very village seems asleep, and a holy quiet rests upon the fields unlike that of any other day. No sound is heard but that of Nature, which falls upon the ear in the softened whisper of the leaves, the fainter singing of the brooks, the feeble murmur of the bee, the lower warbling of the birds, and the subdued bleating of the sheep; for so does her voice seem hushed by the peal of the silver bells, which float from the old grey tower, half hidden by trees, on the green hill-side, whose winding path is dotted with the figures of the villagers, here alone, there in little groups, all journeying towards the church with thoughtful and reverential looks. You cannot help contrasting this scene with the noise and tumult of London at the same holy time; the rattling of vehicles, the cries of milk, shrimps, and water-cresses, all breaking the Sabbath charm, and grating harshly upon the ear, while they disperse our better meditations. In the country we look over the landscape at the spire in the distance; and, while we think of those who sleep beneath it, we exclaim—



Where soars that spire, our rude forefathers prayed:  
Thither they came from many a distant dell  
Year after year, and o'er those footpaths strayed,  
When summon'd by the pealing Sabbath bell,  
For in those walls they deem'd that God did dwell:  
And still they sleep within that bell's deep sound.  
You spire doth here of no distinction tell:  
O'er rich and poor—marble and earthly mound—  
The monument of all, it marks one common ground.—T. M.

From Love and the tranquillity of Sabbath scenery to horse-racing is a strange transition, yet not more so than the real changes in life, in the occupations and amusements of mankind; so we shall, without any apology, plunge at once into our description of that fine old English sport, which is still witnessed with delight by both peer and peasant. In our boyish days we, somehow or another, were connected with races, especially those of Doncaster and Lincoln. The grandstand at Lincoln was a temporary wooden building in those days, with nothing grand about it, except the Gold Cup on the great race day, and the beauty of the Lincolnshire ladies. It was a wooden building, erected for the spectators at the races, and taken down as soon as they were over, and in its erection and removal we had an uncle who played a very prominent part. We still remember with what pride we took up our station in the low, rickety wooden grand-stand, getting as near to the Gold Cup which was about to be run for as we could, and somehow fancying that it was our duty to see that no one whipped the prize into his pocket, which, if it happened, we thought would be a great stain upon the character of our uncle. Not that we now think such a loss would have concerned him in the least, for we believe that, instead of being steward of the course, he was merely a kind of overlooker over the men who erected the shabby-looking grand-stand; but if any boy not above the head taller than ourselves had dared to assign to him so humble a position at that period, we do think that we should have been disposed "to show fight." However, this link was sufficient to cause us to talk as familiarly of the Yarbroughs and Thorolds as if we had been sworn cousins; also of our favourite horses, on which we even went so far as to bet six to four—in pence.

But Doncaster was the great point of attraction, after all, and only a few miles distant from our birth-place; there the grand-stand and course were worth looking at, and, we must confess, somewhat diminished our admiration of uncle's greatness. What a careful boarding was there amongst us boys, in those days, to raise sufficient to carry us to Doncaster and back, to see the great St. Leger run for. It was twenty miles each way, yet we walked it, saw the race, and got home long before midnight—tired enough, it is true, but we never thought of that while talking over what we had seen. Then we knew the man who carried the scales to the race-course, in which the jockeys were weighed—and proud were we when he allowed us to pay for the pint of ale he drank. We thought it something to know the man who touched the board with his own hands on which sat the very jockey who won the Leger: our delight was equal to that of Peter Pindar's antiquary,

Who showed on holidays a sacred pin  
That touch'd the ruff that touch'd Queen Bess's chin.

What running have we seen there! We cannot believe that there ever was or ever will be such another race-course in the world, or that any bird or railway engine ever went the speed those horses did. All things, to us, seem slower now for we have no longer the quick eye, the bounding step, and the rapidly-racing blood of boyhood to accelerate that imaginary speed, and we exclaim with a sigh—

Somehow, the flowers seem different now—  
The daisies dimmer than of old;  
There's fewer blossoms on the bough;  
The hawthorn buds look grey and cold.  
The pansies were another dye  
When we were young!—when we were young!  
There's not the blue about the sky  
Which every way in those days hung:

Our limits will not permit us to do more than glance over the subject. Chariot-racing was no doubt practised by the Romans when they invaded England: the Britons themselves were celebrated for their skill in driving their scythed-wheeled chariots in battle, which we have dwelt upon at some length in our "History of the Anglo-Saxons." The first chariot-races in England are supposed to have taken place at York, centuries before horse-racing, as now followed, was known, for at this period it does not appear that the horse was either used for riding or even as a beast of burthen. The first mention made of "running horses," in English history, is in the reign of the Saxon King Athelstan, who received them as a present from a foreign Prince. It was Athelstan who first improved the breed of horses in this country, by increasing their size. At the battle of Hastings the Saxons had no cavalry, while horsemen formed the chief strength of the Norman invaders. The first mention made of anything approaching a race-course is by Fitzstephen, an historian who lived in the reign of Henry II. Races, he says, "were then common" on the spot now occupied by Smithfield market, or near that neighbourhood. The horses in those days were ranged in a row, and, when ready, started by raising a shout. It was not, however, until the time of Henry VIII. that horse-racing became a popular amusement in England, or that a regular race-course was formed. Chester is mentioned as being celebrated for its races in the reign of James I. Croydon also boasted, at that period, of its race-course, which was probably more fashionably attended than any other in England. It was here, if we remember rightly, that one of King James's favourites was horsewhipped during the races: the whole transaction is narrated by Osborne. Attention was now paid to the training and feeding of horses, also to the weights of the jockeys,

which hitherto seem to have been neglected. Charles I. established races at Newmarket, also in Hyde-park; and he was the first to give a silver cup for a racing prize, in place of the gold or silver bell which had formerly been run for. Cromwell did little more than encourage improvements in the breeding of horses; indeed, it was a point in the character of the Puritans to discountenance sports of any description.

After the Restoration, horse-racing became one of the most popular of English sports, and Charles II.'s stud of mares was held in high repute. His favourite race-course appears to have been Datchet Mead, near Windsor, though, like his unfortunate father, he patronised Newmarket, where he entered his horses in his own name. William III. gave but small encouragement to the sport, though he was favourable to improving the breed of horses; while Queen Anne gave Royal plates for prizes, and her Consort kept an excellent stud, and encouraged the importation of racing stallions. George II. was no patron of the turf; all he appears to have done for racing was substituting the one hundred guinea purses for the Royal plates. George III. encouraged the sport for the sake of procuring a better breed of horses, although he cared little about racing, which had now become so popular as to be independent of Royal patronage; for Eclipse, whose "name was a tower of strength," already occupied the race-course, and from him one hundred and sixty winning horses are said to have been produced. The King's brother, the Duke of Cumberland, bred several excellent racers; amongst which was the celebrated Monck, from whom came Eclipse and Herod, the "giants" of their day. Meteora and Violante were two famous mares of this period, and the property of the Earl of Grosvenor, who is supposed to have won £200,000 on the course, though he was a loser at the last. The Duke of Bedford was the owner of Grey Diomed, which ran at Newmarket against Eclipse and the Traveller. Nor must we pass over the Duke of Queensbury, whose sporting qualities are so admirably painted in the "Quarterly Review," by Nimrod, from which we extract the following:—"His horse Dash, by Florimel, bred by Mr. Vernon, beat Sir Peter Teazle over the six-mile course at Newmarket, for 1000 guineas, having refused 500 forfeit; also, his late Majesty's Don Quixote, the same distance and for the same sum; and during the year 1789 he won two other thousand guinea matches, the last against Lord Barrymore's Highlander, eight stone seven pounds each, three times round the 'Round Course,' or very nearly twelve miles. His carriage match, nineteen miles in one hour, with the same horses, and those four of the highest bred ones of the day, was a great undertaking." For Sir Peter Teazle the Earl of Derby refused £10,000. The following racy extract on racing men, from "Nimrod," dates some dozen years back; yet we know nothing in which so much is done in so small a compass. Some of the characters have departed, but their memories will long live in the following passage:—"Of Messrs. Crockford, Gully, Ridsdale, Sadler, the Chifneys, &c., we need not say much, their deeds being daily before us. But, looking at the extraordinary results of these men's deeds, who is there that will not admit racing to be the best trade going? Talk of studs, talk of winnings, talk of racing establishments; our Graftons, Richmonds, Portlands, and Clevelands, with all their 'means and appliances to boot,' are but the beings of a summer's day, when compared with these illustrious personages and their various transactions and doings on the turf. Here is a small retail tradesman, dealing in a very perishable commodity, become our modern Cæsar in a few years, and proprietor of several of the finest houses in England. Behold the champion of the boxing ring, the champion of the turf, the proprietor of a noble domain, an honourable member of the Reformed Parliament, all in the person of a Bristol butcher. Turn to a great proprietor of coal-mines, the owner of the best stud in England, one who gives 3000 guineas for a horse, in the comely form of a Yorkshire footman! We have a quondam Oxford livery-stable keeper, with a dozen or more race-horses in his stalls, and those of the very best stamp, and such a few country gentlemen, or, indeed, any others, have a chance to contend with. By their father's account of them, the two Messrs. Chifney were stable-boys to Earl Grosvenor, at eight guineas a year and a stable suit. They are now owners of nearly the best horses, and, save Mr. Crockford's, quite the best houses in their native town. There is the son of the ostler of the Black Swan, at York, betting his thousands on the heath, his neckerchief secured by a diamond pin. Then, to crown all there is 'Squire Beardsworth, of Birmingham, with his seventeen racehorses and his crimson liveries, in the same loyal but dirty town in which he once drove a hackney-coach."

A jockey, according to the high authority we have quoted above, ought to be devoid of all passion. He must work hard, and, worst of all, upon an empty stomach; must ever be ready to risk his neck for five guineas, if he wins, and three if he loses. One jockey, on the Deacon-course, rode eleven races in one day, a distance, altogether, of eighty-eight miles. The following is the life of a jockey while in training:—"Breakfast, a small piece of bread and butter, and a moderate quantity of tea; dinner, a small piece of pudding and less meat; no fish allowed, very little wine and water; tea in the afternoon, with a little or no bread. After breakfast, they put on five or six waistcoats, two coats, and as many pairs of breeches, and in these walk ten or fifteen miles. If they return wet through with perspiration, they put on dry clothes or go to bed. Glauber-salts they have free access to, whenever they like, and that appears to be the only run they have of the cupboard."

Nor does the poor devil seem at all to have an easy time of it in the saddle. In Scott's "British Field Sports" we are told, "The spine or back-bone of the jockey must always be prepared to bend in the middle, since in the horse's running there is a necessity for some inclination of the body forward, and nothing can be more awkward and ridiculous than a horseman leaning forward with a back as straight and stiff as a stake, his posteriors protruded in the same degree."



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## JULY.

(Continued from June.)

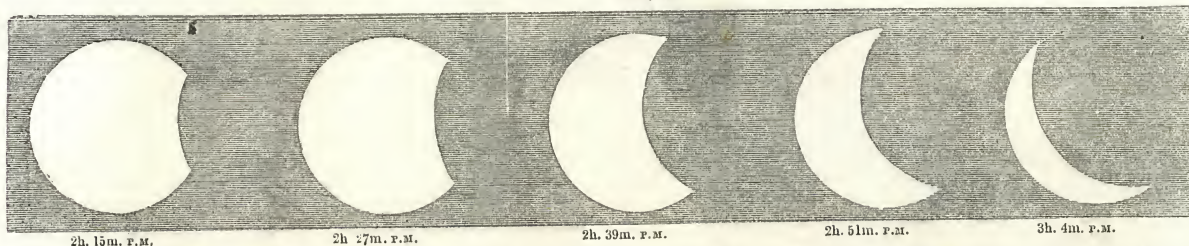
He rises before the Sun till the 17th, and he sets after the Sun from the 14th till the 3rd. The rising of the planet precedes that of the Sun by rather more than an hour, and after this time it gradually decreases, till on the 18th day they rise together. On the 14th both the Sun and planet set together; and after this day the planet sets after the Sun, and at the end of the month by three-quarters of

SATURN is in the constellation Aries throughout the month. He is a morning star, and rises on the 1st at 0h. 29m. A.M., and on the last day at 10h. 36m. A.M., midway between the W. by N. and the W.N.W. points of the heavens.

URANUS is in the constellation Aries throughout the month. He rises on the 11th at midnight, and souths at 6h. 38m. A.M.

NEPTUNE rises on the 1st at 10h. 57m. P.M., and on the 15th at 10h. 3m. P.M. The Sun is situated N. of the Equator, and is moving south. On the 23rd day, at 0h. 39m. P.M., he passes from the sign Cancer to Leo (the Lion), having been

SUCCESSIVE APPEARANCES OF THE SUN DURING HIS ECLIPSE, ON JULY 28, 1851, PRECEDING THE GREATEST PHASE, AS SEEN THROUGH A TELESCOPE WHICH DOES NOT INVERT, AT



an hour. He is not favourably situated for observation. He rises near the N.E. by N., and sets near the N.W. by N. points of the horizon. He is moving eastward among the stars throughout the month. He is near the Moon on the 29th.

VENUS is in the constellation Taurus till the 10th, and in Gemini from the 11th to the end of the month. She is a morning star, and rises on the first day at 2h. 15m., and on the last day at 2h. 52m., near the N.E. by N. point of the horizon all the month. She is moving eastward among the stars, and is near the Moon on the 27th.

MARS is in the constellation Aries till the 2nd, and in Taurus from the 3rd to the end of the month. He is a morning star, and rises on the 5th at 0h. 49m. A.M., and on the 29th at midnight; near the E.N.E. at the beginning, and at the N.E. by N. on the 26th. He is moving eastward among the stars, and is near the Moon on the 24th.

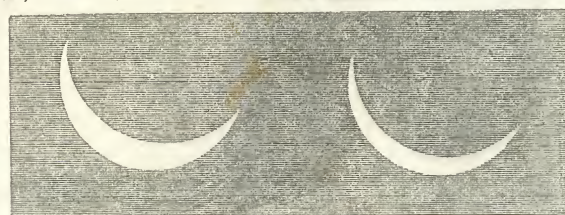
JUPITER is in the constellation Virgo throughout the month. He is visible during the early night hours only, and sets on the 1st at about midnight, and on the last day at 10h. 4m. P.M., midway between the W. and W. by S. points of the

in the former sign 31 days 10 hours 58 minutes. On the 1st day he is 96,593,000 miles distant from the Earth. He rises and sets on the 18th, at the N.E. by N., and N.W. by N. points of the horizon.

On the 28th there will be a total eclipse of the Sun; a large partial eclipse, however, is all that will be seen here.

The subjoined appearances of the Sun are prepared for the latitude of London, but are sufficiently near for the whole of the country.

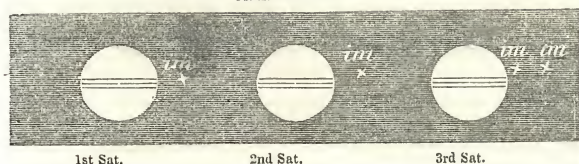
APPEARANCE OF THE SUN AT THE TIME OF GREATEST OBSCURATION, AT 3h. 12m. P.M., ON JULY 28, 1851, AS SEEN THROUGH A TELESCOPE WHICH DOES NOT INVERT.



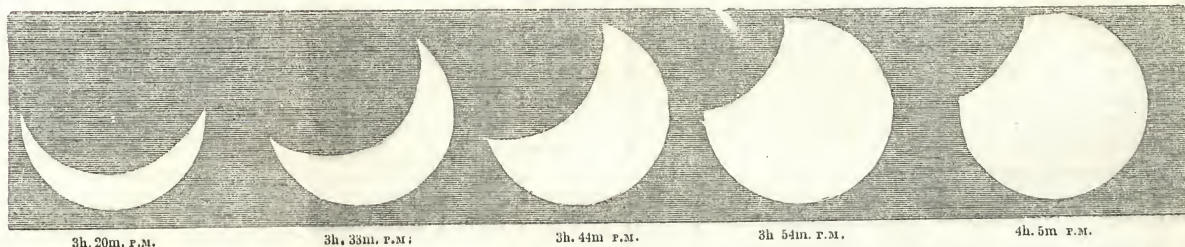
The eclipse will begin at 3m. after two o'clock in the afternoon; the greatest obscuration will be at 12 min. after three o'clock, and the eclipse will end at a quarter of an hour after four o'clock.

The Sun will be totally eclipsed as seen from the southern parts of Norway

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION OR EMERSION.



SUCCESSIVE APPEARANCES OF THE SUN DURING HIS ECLIPSE, ON JULY 28, 1851, AFTER THE GREATEST PHASE, AS SEEN THROUGH A TELESCOPE WHICH DOES NOT INVERT, AT



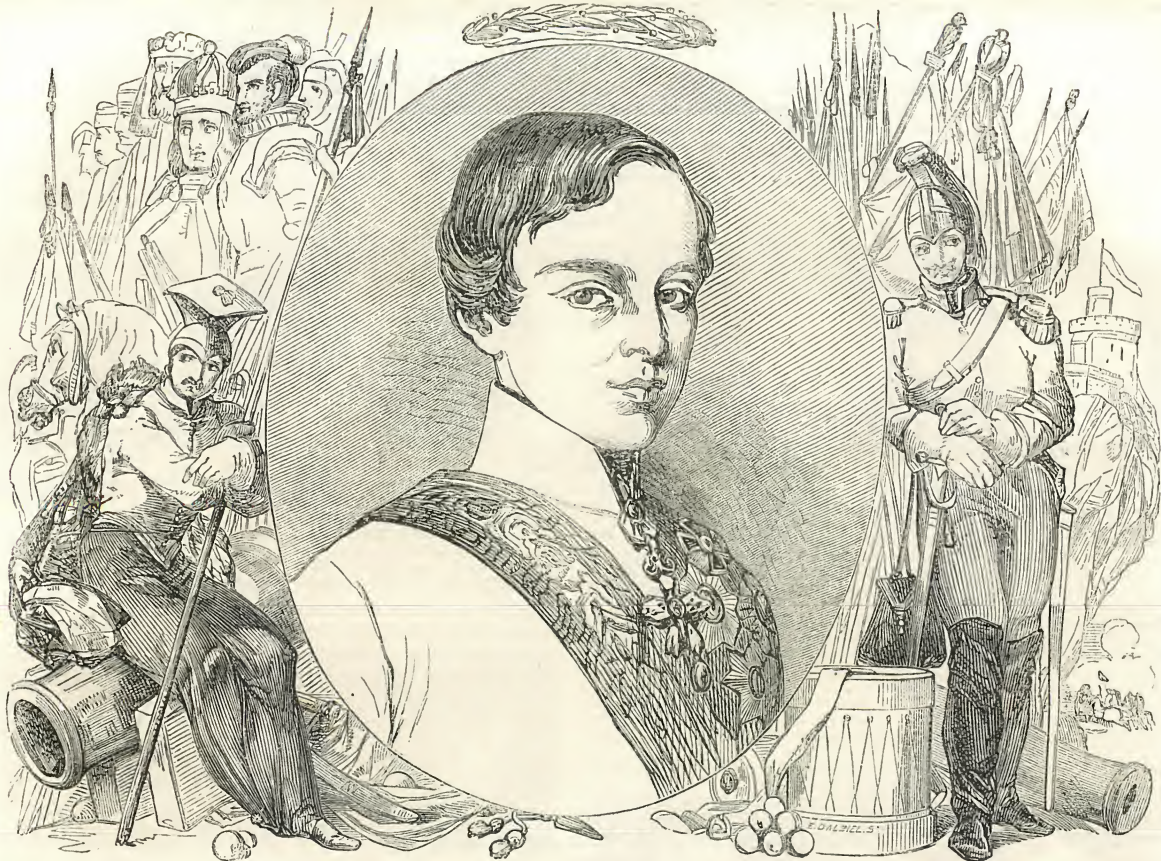
horizon. He moves slowly eastward among the stars, and is near the Moon on | and Sweden, and the northern parts of Prussia and Russia, Greenland and the 5th. (Continued on page 35.)

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.						OCCULTATIONS OF STARS BY THE MOON.					
	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Neptune.		Eclipses of					
	Morning.		Morning.		Morning.		Afternoon		Morning.		Morning.		1st Sat.			3rd Sat.		
	Morning.		Morning.		Morning.		Afternoon		Morning.		Morning.		Immersion.			Emersion.		
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	D.	H.	M.	D.	H.	M.
1	10	55	10	19	8	35	6	16	7	30	4	15	14	9	28 P.M.	16	9	9 P.M.
6	11	17	10	25	8	29	5	58	7	11	3	56						
11	11	49	10	31	8	24	5	39	6	53	3	36						
16	Aftern.	10	38	8	19	5	21	6	34	3	17							
21	0	35	10	45	8	13	5	4	6	16	2	55						
26	0	56	10	51	8	8	4	46	5	57	2	36						
31	1	12	10	58	8	3	4	29	5	38	2	15						

RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.														
Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.	
	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South
1	5h. 31m	22° 34'	4h. 54m	21° 39'	3h. 10m	16° 59'	12h. 53m	4° 13'	2h. 5m	10° 7'	2h. 7m	12° 19'	22h. 44m	8° 54'
6	6 13	23 41	5 20	22 24	2 35	17 58	12 54	4 22	2 6	10 13	2 7	12 22	22 44	8 55
11	6 59	23 50	5 47	22 51	3 39	18 52	12 55	4 33	2 7	10 18	2 8	12 24	22 44	8 57
16	7 46	24 51	6 13	23 7	3 53	19 41	12 57	4 45	2 8	10 23	2 8	12 27	22 43	8 59
21	8 30	25 52	6 39	23 3	4 58	20 26	12 59	4 58	2 10	10 27	2 9	12 29	22 43	9 1
26	9 10	26 9	7 6	22 43	4 22	21 6	13 1	5 13	2 10	10 30	2 9	12 30	22 43	9 3

TIMES OF CHANGES OF THE MOON, And when she is at her greatest distance (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.			
	First Quarter.	Full Moon.	Last Quarter.
5d. 11h. 8m. P.M.	13 7 14 A.M.	21 10 39 A.M.	28 2 40 P.M.
PERIGEE .. 2 2 A.M.	21 8 30 P.M.	28 9 10 A.M.	21 10 39 A.M.
APOGEE .. 17 10 P.M.	21 8 30 P.M.	28 9 10 A.M.	21 10 39 A.M.
PERIGEE .. 30 2 A.M.	21 8 30 P.M.	28 9 10 A.M.	21 10 39 A.M.





FRANCIS JOSEPH I, EMPEROR OF AUSTRIA, BORN AUGUST 18, 1830; ASCENDED THE THRONE DECEMBER 2, 1848.

		SUN.				MOON.				DURATION OF MOONLIGHT.				HIGH WATER				
M	W	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SOUTHS.				SOUTHS.				Before Sunrise.		After Sunset.		AT LONDON BRIDGE.		Day of the Year.	
D	D		Rises.	After 12 o'Clock.	Height above horizon.	Sets.	Rises.	Afternoon.	Height above horizon.	Sets.	O'Clock. 1h. 2h. 3h.	Mo'n's Age.	O'Clock. 9h. 10h. 11h.	Morning.	Afternoon.			
			h. m.	m.	s.	Deg.	h. m.	h. m.	Deg.	h. m.			h. m.	h. m.				
1	F	Lammas Day	4 25	6 3	56 $\frac{1}{2}$	7 46	9 17	3 48	40 $\frac{1}{2}$	10 5		4		4 35	5 0		213	
2	S	Antares souths 7h 37m P.M.	4 27	6 0	56 $\frac{1}{2}$	7 44	10 38	4 39	34 $\frac{1}{2}$	10 28		5		5 25	5 45		214	
3	S	7TH S. aft. TRIN.	4 28	5 56	56 $\frac{1}{2}$	7 43	11 55	5 29	29 $\frac{1}{2}$	10 51		6		6 10	6 35		215	
4	M	Length of night 8h 45m	4 29	5 51	56 $\frac{1}{2}$	7 41	Afternoon	6 20	25	11 17		7		7 0	7 25		216	
5	Tu	Oyster sea. com.	4 31	5 46	55 $\frac{1}{2}$	7 40	2 27	7 10	21 $\frac{1}{2}$	11 45		8		7 55	8 25		217	
6	W	Prince Alfred b.	4 33	5 40	55 $\frac{1}{2}$	7 38	3 37	8 21	17 $\frac{1}{2}$	Morning.		9		8 58	9 35		218	
7	Th	Name of Jesus	4 35	5 33	55 $\frac{1}{2}$	7 36	4 43	8 53	16 $\frac{1}{2}$	0 22		10		10 10	10 50		219	
8	F	Length of day 14h 55m	4 36	5 26	54 $\frac{1}{2}$	7 34	5 39	9 45	16 $\frac{1}{2}$	1 2		11		11 25	No Tide.		220	
9	S	Alpha Herculis souths 7h 55m P.M.	4 38	5 18	54 $\frac{1}{2}$	7 32	6 27	10 36	16 $\frac{1}{2}$	1 51		12		0 5	0 30		221	
10	S	8TH S. aft. TRIN.	4 39	5 10	54 $\frac{1}{2}$	7 31	7 7	11 25	18 $\frac{1}{2}$	2 48		13		1 0	1 25		222	
11	M	Half-Quarter day	4 41	5 1	54 $\frac{1}{2}$	7 29	7 40	Morning.	—	3 48		14		1 50	2 10		223	
12	Tu	Grouse sh. begins	4 43	4 51	53 $\frac{1}{2}$	7 27	8 6	0 12	21	4 51		15		2 25	2 45		224	
13	W	Old Lammas Day	4 44	4 41	53 $\frac{1}{2}$	7 25	8 29	0 57	24 $\frac{1}{2}$	5 56		16		3 5	3 20		225	
14	Th	Alpha Lyre souths 9h 2m P.M.	4 45	4 31	53 $\frac{1}{2}$	7 23	8 48	1 41	28	7 2		17		3 40	3 50		226	
15	F	Assumption	4 46	4 19	52 $\frac{1}{2}$	7 21	9 8	2 23	32 $\frac{1}{2}$	8 8		18		4 5	4 25		227	
16	S	Beta Lyre souths 9h 6m P.M.	4 48	4 8	52 $\frac{1}{2}$	7 19	9 27	3 4	36 $\frac{1}{2}$	9 11		19		4 40	4 55		228	
17	S	9TH S. aft. TRIN.	4 49	3 56	52 $\frac{1}{2}$	7 17	9 45	3 46	41	10 17		20		5 10	5 25		229	
18	M	[Duch. of K. b.]	4 51	3 43	51 $\frac{1}{2}$	7 15	10 7	4 28	45 $\frac{1}{2}$	11 23		21		5 45	6 0		230	
19	Tu	Length of day 14h 21m	4 52	3 30	51 $\frac{1}{2}$	7 13	10 31	5 12	50	Afternoon		22		6 20	6 40		231	
20	W	Gamma Aquile souths 9h 42m P.M.	4 54	3 16	51 $\frac{1}{2}$	7 11	11 2	5 59	53 $\frac{1}{2}$	1 39		23		7 0	7 25		232	
21	Th	Blackcock sh. b.	4 55	3 2	50 $\frac{1}{2}$	7 9	11 40	6 50	56 $\frac{1}{2}$	2 48		24		7 50	8 25		233	
22	F	Alpha Aquile souths 9h 41m P.M.	4 57	2 47	50 $\frac{1}{2}$	7 7	Morning.	7 41	58 $\frac{1}{2}$	3 54		25		9 5	9 40		234	
23	S	Beta Aquile souths 9h 41m P.M.	4 59	2 32	50	7 5	0 28	8 41	59 $\frac{1}{2}$	4 55		26		10 20	11 0		235	
24	S	10TH S. aft. TRIN.	5 0	2 17	49 $\frac{1}{2}$	7 3	1 27	9 41	59	5 50		27		11 40	No Tide.		236	
25	M	[St. Barthol.]	5 2	2 1	49 $\frac{1}{2}$	7 1	2 39	10 42	56 $\frac{3}{4}$	6 34		28		0 10	0 40		237	
26	Tu	Prince Albert b.	5 3	1 45	49	6 59	3 56	11 41	53 $\frac{1}{4}$	7 9		29		1 10	1 35		238	
27	W	Alpha Cygni souths 10h 14m P.M.	5 5	1 28	48 $\frac{1}{2}$	6 57	5 17	Afternoon	48 $\frac{1}{2}$	7 39		1		2 0	2 25		239	
28	Th	St. Augustin	5 7	1 11	48 $\frac{1}{2}$	6 55	6 50	1 35	42 $\frac{1}{4}$	8 4		2		2 50	3 10		240	
29	F	St. John Bap. beh	5 8	0 54	48	6 53	8 13	2 29	37	8 30		3		3 35	3 55		241	
30	S	Alpha Aquarii souths 11h 23m P.M.	5 10	0 36	47 $\frac{1}{2}$	6 51	9 37	3 21	32 $\frac{1}{2}$	8 52		4		4 15	4 40		242	
31	S	11TH S. aft. TRIN.	5 12	0 18	47 $\frac{1}{2}$	6 48	10 57	4 14	26 $\frac{1}{2}$	9 19		5		5 0	5 20		243	



# AUGUST.



The unpeopled dwelling mourns its tenants strayed,  
 E'en the domestic laughing dairy-maid  
 Hies to the field, the general toil to share;  
 Meanwhile the farmer quits his elbow chair,  
 His cool brick floor, his pitcher, and his ease,  
 And braves the sultry beams, and gladly sees  
 His gates thrown open, and his team abroad.—ROBERT BLOOMFIELD.

AUGUST is a lovely month, with its harvest-fields and harvest-moon, and rich sunsets that gild the tops of the broad-branched oaks with gold, and throw over the corn-fields a deep yellow light, making them look like vast beds of marigolds unbroken by a single patch of green. Pleasant is it in the cool evenings of this month to quit the sultry streets and close courts of London, and to find one's-self wandering in the delightful fields of Surrey or Kent, over old brown foot-paths which have been a free highway for the villagers for centuries; to meet laden gleaners and sun-tanned reapers returning home with sickles thrown over their arms, or bearing bottles and baskets, now emptied by the keen and healthy appetites which labour and sweet air bring; to turn your head when they have passed you, and see them branch off to little thatched homesteads that stand here and there, one nestled amid trees, another in the green lane you have just passed, or at the end of the slip of cultivated land fenced in from the broad high-road; while the farmer and his men and maids turn to the large grange, surrounded with its goodly and capacious out-houses and huge barn, through the doors of which the high-piled waggon can be driven, without a plummy sheaf touching the spanning beam above.

Then to think of the sweet unfevered sleep those happy peasants will enjoy in their lowly chambers, through which the pure breeze has all day blown, and wafted healthy perfumes from corn-fields, and old woods where the woodbines bloom, and clear streams by which the meadow-sweet still flowers, and windy hill-tops, and broad wastes where the purple heather now blossoms "musical with bees." Surely it is better to rest with contented poverty in these humble abodes, than to share

What they amid the leaves have never known,—  
 The weariness, the fever, and the fret,  
 Here, where men sit and hear each other groan  
 Where palsy shakes a few and last grey hairs;  
 Where youth grows pale, and spectre-thin, and dies;  
 Where but to think is to be full of sorrow  
 And leaden-eyed despair;  
 Where Beauty cannot keep her lustrous eyes,  
 Or new Love pine at them beyond the morrow.—KEATS.

With them, if our air is coarse, it will be eaten uncontaminated by the nauseous smells of cities; free from the reek and heat of gin-palaces, and the hot air which miles of brick that have been baking all day in the sun throw out; far away from rooms into which only dust and foul smells enter, where, if we throw up the casement to look at the stars as a relief, we are compelled to close the window in disgust, and exclaim with *Hamlet*,

And smelt so? pah!

Alas! that it should be so. Those rural cottages, that look so beautiful in the eyes of a lover of the picturesque, often shelter sorrow and suffering, poverty and hunger; the poor labourer during the winter season is scarcely able to provide for the wants of the coming morrow, or to keep the dreaded "wolf from the door," which ever comes howling about the threshold in the form of gaunt and meagre hunger.

I need but again glance at that night-scene which the moon looked upon at Goatsacre, a few years ago, to prove this, when, as she seemed struggling from cloud to cloud, her pale rays fell for a moment upon some forlorn and furrowed countenance, or gave a wanner and paler hue to the hunger-bitten features of the miserable peasantry. I need but again picture the naked hedge, through which the cold wintry wind whistled, while the candle flickered in the night wind, which blew about the ragged denouncer of wrongs as he stood on that rude hurdle, and addressed his suffering brethren: all this I might do, but it would be with painful feelings that I should again lift up the curtain and paint the looks of those determined men, who were then clamorous for cheap bread. Thank God! we have obtained that, though I fear it has bettered but little the condition of our suffering peasantry, while it has fallen with somewhat of a heavy hand on the honest and high-rented farmer.

The large ox-eye daisy is now in flower, and, together with the wild scarlet poppy, forms a rich covering of silver and crimson on waste and uncultivated places. By the borders of brooks, the arrow-head may now be found with its white pearl-like flower centred with gold and purple. The corn-fields also abound with the beautiful pheasant-eye, called the rose-a-ruby, and still known



by that poetical name in a few out-of-the-way villages. But amongst the last of the summer flowers our favourite is the light and graceful harebell—a flower so delicate that we wonder the breeze does not blow its light blue cup from the slender stem, and bear it away amongst the leaves, which are now falling on every hand. The blackberries begin to show amongst the armed brambles like miniature bunches of grapes, which want but a few frosty nights to complete their gushing ripeness. When boys, we never tasted blackberries without first blowing on them, believing that, by so doing, we should drive out the insects which at times lodge in this oldest of all wild British fruits.

In my "Book of Summer" I have sketched a true corn-field character, the Bird Boy, or corn-tenter, his business being to scare the birds from the corn either with his wooden clapper or by his voice, the latter of which he uses until he is quite hoarse at times, through hallooing and screaming at the birds. You almost wonder how the little fellow manages to pass the day by himself in those solitary fields before harvest-time, far removed from either village or homestead. Above his head he sees the broad grey clouds floating silently along across the wild wilderness of the sky, silent saving the hoarse "caw" of the dusky rook, that flaps its black wings while it floats like some subtle spirit between earth and heaven, on its way homeward to the woods. Around him rise tall trees, and while he looks up at them he wonders how many years they have stood rooted in silence on that self-same spot, where they reach to such a cloud-like height. Sometimes he is far away from any road, and in the heart of old extensive fields which are shut up all the year except at harvest-time. He sees the grey rabbits emerge from their burrows in the bank, and watches the young ones as they run in and out amongst the standing corn; and he makes all kinds of curious snares, and is sadly puzzled to know why he can never catch them. He peeps through the hedge, and is delighted to see the hares play together in the long grass; and sometimes he finds a nest of young hedge-hogs, which he passes half the day in feeding, giving them everything that comes to hand, and which if they will not take willingly he forces gently down their little throats, which he fancies are full of prickles like their backs, because they swallow what he gives them with such reluctance. While the cuckoo remains with him he mocks her, and often imitates her cry after she is gone, for it is a treat to him to hear his own voice in those silent and solitary fields. He rattles his wooden clapper until his arm aches, and sings the very song which his forefathers sang two or three hundred years ago, when they tented the corn like him, and thus called to the birds:—

Away, birds, away! and come no more to-day.  
Away, birds, away!  
Take an ear and leave an ear,  
And come no more again this year.  
Away, birds, away!

The English sport we have selected for our present month is Cricketing, which, although not known by the name it now bears more than one hundred and fifty years (as far as we have been able to discover), has made such rapid progress during the last half-century as entitles the game to take high rank amongst our field amusements. In our eye there is something very pleasing in this healthy, noiseless, and out-of-door game, especially in those spots where we have witnessed it, in the calm coolness of a sunny summer evening, when we have come upon the players unaware on some ancient common which, time out of mind, has been the play-ground of the villagers. True the players were "unknown to fame" in the great world of cricket, but it was sufficient for them that their sweethearts and acquaintance were looking on to induce them to "do their best;" and now and then we have seen some villager display such natural science, that we have had no fear of seeing his name recorded amongst the ranks of those who dare to give the challenge to All England, and generally gain the victory. Pleasant too is it to recline on a green hill-side, overlooking the vale in which the cricketers are assembled; and all the more enjoyed if the village bells are sending forth a silvery peal from the old church-tower, beneath which some celebrated father of the game sleeps, who, years ago, was the pride of the village cricket club. You need but go at night into the cool parlour, with its red brick floor, after the game on the green is ended, and there you will hear, while enjoying your jug of home-brewed ale, how he could bat, and how he could bowl, for the land-marks are yet remembered which his balls reached, and never have fieldsmen had need to stand so far out since he died. Ask how many wide balls he threw, and they will stare at you in amazement, or say that he could have thrown the ball through the eye of a needle had it been big enough.

Pleasanter still is it to look at a grand cricket match, when "Greek meets Greek"—when every man respects the play of his adversary—when the wicket is guarded as cautiously as the outer barbican of a castle, the battlements manned with the best bowmen; for the word had gone before, that the hero with the eye of fire and the arm of iron would ere long be battering at the gates. Then there is a breathless hush over the wide field, and when some wonderful point is made the applause rises not beyond a deep low hum, for he who seems to have an understanding with the ball—who leans upon his bat as if it were his "familiar," is about to deal another "witching" stroke, and they dare neither shout nor keep their eyes away for a moment, so spell-bound are they by the power of the player. Had cricketing been known to the matchless sculptors of ancient Greece, what lifelike forms of manly beauty would they have left in imperishable marble—graceful attitudes and muscular developments, and godlike groupings, far surpassing in beauty anything we now possess; for no sport gives finer play to the limbs, no game places the body in more graceful attitudes than that of cricket. Then how beautifully the snow-white tents contrast with the green of the overhanging trees, while the turf below, over which the strikers

run, light as fallow-deer, is "all one emerald," as if an "eternal April" kept constant watch over it, and sprinkled the grass with her gentlest showers. The cricketers in their white dresses, as seen from a distance, break the green of the landscape like spots of light that fall upon the eye. Few, we should imagine, can see this manly game played without feeling delighted, even when they do not understand the rules of it, such life and animation is there in the contending parties—the keen eye, the ready hand, the rapid strides, the fieldsmen who to a yard or two seems to calculate the distance the ball will be struck; every man, in fact, moving in his place, like the true harmony of music, without a jarring chord.

Our space prevents us from doing more than barely glancing at a few rules of the game as it is now played. A ball must not weigh more than five ounces and three-quarters, nor less than five ounces and a half, while the bat must not exceed four inches and a quarter in breadth, nor more than thirty-eight inches in length. The stumps must stand twenty-seven inches above the ground; the ball be eight inches in length; the distance between the wickets to be twenty-two yards. The bowling-crease must be in a line with the stumps, and in length six feet eight inches; the popping-crease, unlimited in length, to be four feet from the wicket, and parallel to it. The wickets to be pitched by the umpires. During a match the ground must neither be rolled, watered, mown, nor beaten without the consent of both parties. The bowler must deliver the ball with one foot on the ground behind the bowling-crease, and within the return-crease; he must also bowl four balls before changing wickets; the ball must be bowled not thrown or jerked, and the hand must not be above the shoulder while delivering it. The bowler may require the striker at the wicket from which he is bowling to stand on whichever side he may direct, &c. We find the following remarks in Blaine's "Rural Sports." The passage is there marked as a quotation, but from what author is not mentioned—a rare omission on the part of this honest writer:—

"The wicket-keeper holds an important station in the game. He stands opposite to the bowler, and behind the wicket at which the striker is playing. Beside the bowler and wicket-keeper, who are the two most serviceable men in the field, there are the slips or stops, short and long. The first short slip, who stands near to the wicket-keeper, consequently behind the wicket, yet diagonally in front of the batter. The point directly faces the striker: his station is about seven yards from the popping-crease. The middle wicket stands on the off-side, and about twenty-three yards from the striker's wicket. The leg or hip has his appointment about sixteen yards from the popping-crease, behind the batter. The long-stop is placed behind the wicket-keeper, to save the balls he may miss as they come from the bowler, for the batter may take the advantage of running when a ball has been overthrown, or has not been stopped after the bowler has delivered it, although it may not have been struck. The long-slip stands in a line with the striker, and between the point and short-slip, but further out in the field. A man to cover the middle wicket and the point stands on the off-side of the striker; and it is his duty to save those balls that either of the above may have missed. The long-field on the off-side stands between the middle wicket and the bowler, but at a considerable distance, to save the hard hits. The long-field on the on-side is stationed at a great distance from the striker, and on the other side of the bowler from the man last mentioned. After every four balls have been bowled the umpire calls 'Over,' when the whole party who are seeking out (with the exception, of course, of the bowler and wicket-keeper) change their positions to the opposite quarters of the field."

For instructions how to bowl, &c., we must refer our readers to an admirable little shilling work, a *multum in parvo*, published by a gentleman who signs himself "Bat," where they will find all that is interesting and necessary to be known for the proper playing of the noble game of cricket; it is cheap, concise, and contains everything appertaining to this fine manly sport. We will close the present month with two rural pictures of our own in verse—a cottage-girl crossing a brook, and a troop of soldiers passing a village.

A cottage-girl trips by with sidelong look,  
Steadying the little basket on her head;  
And, where a plank bridges the narrow brook,  
She stops to see her fair form shadowed.  
The stream reflects her cloak of russet red;  
Below she sees the trees and deep blue sky.  
The flowers which downward look in that clear bed,  
The very birds which o'er its brightness fly:  
She parts her loose-blown hair, and, wondering, passes by

A troop of soldiers pass with stately pace—  
Their early music wakes the village street;  
Through the white blinds peeps many a lovely face,  
Smiling, perchance unconsciously how sweet!  
One does the carpet press with blue-vein'd feet,  
Not thinking how she her fair neck exposes,  
As with white foot she times the drum's deep beat;  
And when again she on her pillow dozes,  
Dreams how she'll dance that tune 'mong summer's sweetest roses.

So let her dream, even as beauty should!  
Let the white plumes athwart her slumber away  
Why should I steep their swaling snow in blood,  
Or bid her think of battle's grim array?  
Truth will too soon her fiery star display,  
And like a fearful comet meet her eyes.  
And yet how peaceful they pass on their way!  
How grand the sight as up the hill they rise!  
I will not think of cities reddening in the skies.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## AUGUST.

THE SUN is situated north of the Equator, and is moving south. On the 23rd day, at 7h. 13m. P.M., he passes from the sign Leo to Virgo (the Virgin), having been in the former sign 31 days, 6 hours, and 34 minutes. On the 1st day his distance from the Earth is 96,400,000 miles. He rises and sets on the 15th, at the E.N.E. and W.N.W. points of the horizon respectively.

THE MOON is in the constellation Virgo till the 3rd. She enters Libra on the 4th; on the 5th she passes into Scorpio and Ophiuchus; on the 7th into Sagittarius; on the 10th into Capricornus; on the 12th into Aquarius; on the 14th into Pisces; on the 17th into Cetus; on the 18th into Aries; on the 19th into Taurus; on the 22nd into Orion; on the 22nd into Gemini; on the 24th into Cancer; on the 25th into Leo; on the 27th into Virgo; and on the 30th into Libra.

She is above the horizon when the Sun is below, during the morning hours, from the 9th to the 26th; during the evening hours, from the 1st to the 21st; and the early evening hours after the 28th.

She is on the Equator on the 2nd, and moving south; is at her greatest south declination on the 8th; is on the Equator on the 16th; is at her extreme north declination on the 22nd; and again on the Equator on the 29th, and moving south.

She is near Jupiter on the 2nd; Uranus and Saturn on the 18th; Mars on the 22nd; Venus on the 26th; Mercury on the 28th; and Jupiter on the 30th.

MERCURY is in the constellation Leo till the 17th; and in Virgo from the 18th. The Sun rises and sets before the planet throughout the month. Till the 20th the Sun sets about three-quarters of an hour before the planet, and which interval decreases to 27 minutes by the end of the month; he is not favourably situated for observation. He sets on the 1st, at W.N.W.; on the 11th, at W. by N.; and on the 22nd at the W. point of the horizon. He is moving eastward among the stars throughout the month; is in Aphelion on the 22nd; and near the Moon on the 28th. His path among the stars is shown in the annexed diagram.

PATH OF MERCURY FROM AUGUST 1 TO OCTOBER 30, 1851.



Scale, 21 degrees to one inch.

VENUS is in the constellation Gemini till the 2nd; in Cancer from the 3rd to the 19th; and in Leo from the 20th to the end of the month. She is a morning star, and rises on the first day at 2h. 54m. A.M., and on the last at 4h. 17m. A.M.; on the 1st, at N.E. by N., and on the last day near the E.N.E. point of the horizon. She is moving eastward among the stars, and is near the Moon on the 26th.

MARS is in the constellation Taurus till the 24th, and in Gemini from the 25th to the end of the month. He is a morning star, and rises on the 4th at 1h. 50m. P.M.; and on the 28th at 1h. 14m. P.M.; near the N.E. by N. at the beginning, and between that point and the N.E. at the end of the month. He is moving eastward among the stars, and is near the Moon on the 22nd. His path among the stars is shown in the diagram in September.

JUPITER is in the constellation Virgo throughout the month. He is visible for some little time after sunset, and sets at 10h. 0m. P.M. on the 1st, and at 8h. 11m. P.M. on the last day, near the W. by S. point of the horizon. He moves slowly eastward among the stars; and is near the Moon on the 2nd, and again on the 20th. His path among the stars is shown in June.

JUPITER'S SATELLITES.—A few eclipses only are visible; and the following diagram shows their apparent place, at the time of eclipse, as seen through an inverting telescope.

SATURN is in the constellation Aries throughout the month. He rises on the 1st, at 10h. 32m. P.M.; and on the last day at 8h. 34m. P.M., nearly midway between the W. by N. and the W.N.W. points of the horizon. He is almost stationary among the stars, as will be seen by reference to his path in the diagram in November.

## RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION OR EMERSION.



URANUS is in the constellation Aries throughout the month. He rises, on the 1st, at 10h. 23m. A.M.; and on the last day at 8h. 21m. P.M., and south on these days at 5h. 32m. and 5h. 34m. respectively.

NETTUNE rises at 8h. 51m. P.M. on the 1st, and at 7h. 56m. P.M. on the 15h.

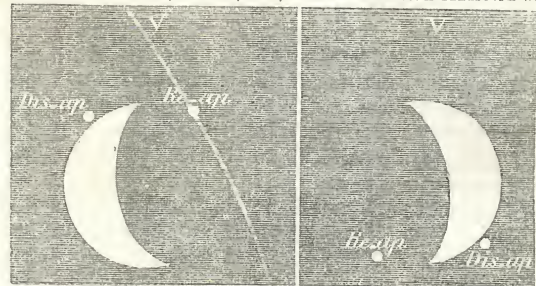
## JULY—(Continued from page 31.)

northern parts of North America. It will be total at Christiana, Königsberg, Dantzic, Warsaw, &c.

The approximate times (mean time at each place) of the beginning and ending of the eclipse at the following places may be found useful:—

Place.	Begin.	Ends.	Proportion of the Sun eclipsed.
Altona . . . . .	2h. 45m. p.m.	4h. 55m. p.m.	11-12ths
Berlin . . . . .	3 5 "	5 10 "	11-12ths
Bonn . . . . .	2 35 "	4 45 "	5-6ths
Breslau . . . . .	3 25 "	5 25 "	11-12ths
Brussels . . . . .	2 24 "	4 35 "	5-6ths
Cambridge . . . . .	2 2 "	4 15 "	4-5ths
Christiania . . . . .	2 40 "	4 25 "	Total
Coimbra . . . . .	1 42 "	3 49 "	Nearly total
Copenhagen . . . . .	2 55 "	5 0 "	Nearly total
Cracow . . . . .	4 0 "	5 40 "	Total
Dantzic . . . . .	3 25 "	5 30 "	Total.
Dorpat . . . . .	3 55 "	5 55 "	11-12ths
Dublin . . . . .	1 28 "	3 43 "	4-5ths
Edinburgh . . . . .	1 40 "	3 53 "	3-4ths
Geneva . . . . .	2 40 "	5 0 "	3-4ths
Göttingen . . . . .	2 50 "	4 55 "	11-12ths
Königsberg . . . . .	3 35 "	5 35 "	Total
Leyden . . . . .	2 20 "	4 30 "	5-6ths
Milan . . . . .	2 55 "	5 5 "	3-4ths
Munich . . . . .	3 5 "	5 10 "	5-6ths
Padua . . . . .	3 10 "	5 15 "	5-6ths
Palermo . . . . .	3 34 "	5 30 "	2-3rds
Paris . . . . .	2 20 "	4 30 "	3-4ths
Prague . . . . .	3 15 "	5 20 "	11-12ths
Rome . . . . .	3 20 "	5 25 "	3-4ths
Stockholm . . . . .	3 15 "	5 15 "	Nearly total
Turin . . . . .	2 50 "	4 55 "	3-4ths
Venice . . . . .	3 10 "	5 15 "	5-6ths
Vienna . . . . .	3 25 "	5 30 "	11-12ths
Warsaw . . . . .	3 40 "	5 40 "	Total

## OCCULTATION OF XI 2 CETI, JULY 22, 1851, AS SEEN THROUGH A TELESCOPE WHICH



Does not invert.

Does invert.

The star will disappear at the bright limb of the Moon at 6h. 14m. in the morning, and re-appear at the dark limb of the Moon at 6h. 40m. in the morning.

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.				OCCULTATIONS OF STARS BY THE MOON.						
	Mercury.		Venus.		Mars.	Jupiter.	Saturn.	Neptune.	Eclipses of		Names of the Stars.	Magni- tude.	Times of disap- ear- & re-ap- pearance of the Star.	At which limb of the Moon.	Between what Latitudes visible.		
	Afternoon	Morning.	Morning	Afternoon	Morning.	Morning.	1st Sat.		2nd Sat.								
							Emission.		Emersion.								
1	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	D. H. M.	D. H. M.	80 Virginis  Psi 3 Aquarii								
6	1 14	10 59	8 2	4 25	5 34	2 8	6 9	40 P.M.								8 9	13 P.M.
11	1 25	11 6	7 56	4 8	5 15	1 48	22 7	58 P.M.									
16	1 34	11 12	7 51	3 51	4 55	1 28											
21	1 39	11 17	7 45	3 35	4 36	1 8											
26	1 41	11 24	7 39	3 18	4 16	0 48											
31	1 39	11 27	7 33	3 1	3 56	0 28											
	1 34	11 32	7 27	2 45	3 36	0 8											

RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.																
Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.			
	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.		
FIRST QUARTER 4d. 5h. 7m. A.M.	1	9h.52m	14° 20'	7h.37m	21°56'		4h.39m	21°48'	13h. 4m	5° 32'	2h.11m	10° 32'	2h. 9m	12° 30'	22h. 43m	9° 7'
FULL MOON 11 9 43 P.M.	6	10 23	10 55	8 3	21 0	4 54	22 18	13 6	5 49	2 11	10 33	2 9	12 31	22 43	9 9	
LAST QUARTER 20 0 58 A.M.	11	10 51	7 28	8 29	19 49	5 8	22 42	13 9	6 7	2 12	10 33	2 9	12 31	22 42	9 12	
NEW MOON .. 25 10 20 P.M.	16	11 16	4 5	8 55	18 23	5 22	23 2	13 12	6 25	2 12	10 32	2 9	12 30	22 42	9 15	
APOGEE .. 14 10 A.M.	21	11 38	0 55	9 19	16 44	5 36	23 18	13 15	6 45	2 12	10 31	2 9	12 30	22 41	9 18	
PERIGEE .. 27 11 A.M.	26	11 56	South	9 44	14 53	5 50	23 28	13 18	7 5	2 12	10 29	2 9	12 28	22 40	9 22	





ISABELLA II., QUEEN OF SPAIN, BORN OCTOBER 10, 1830; ASCENDED THE THRONE SEPTEMBER 29, 1833.

		SUN.										MOON.										DURATION OF MOONLIGHT.										HIGH WATER				
		SOUTHS.										SOUTHS.																								



# SEPTEMBER.



See how the well-taught pointer leads the way:  
The scent grows warm—he stops—he springs the prey;  
The fluttering coveys from the stubble rise,  
And on swift wing divide the sounding skies.  
Not closest coverts can protect the game:  
Hark! the dog opens—take thy certain aim.  
The woodcock flutters—how he wavering flies!  
The wood resounds—he wheels, he drops, he dies!

GAY's Rural Sports.

SEPTEMBER is a sad or a cheerful month, according to the feelings with which the eye looks out upon it. The silent harvest-fields may recall a deserted banquet-hall, through which the solitary guest walks on the following morning, and contrasts its loneliness with the life and stir and joyous happiness which reigned there on the previous night. Such, on a dull rainy day in this month, appear the dreary harvest-fields, amid the stubble of which the swine are grunting and rooting, and the geese gabbling and feeding. You no longer hear the shrill silvery laugh of the rustic maiden, which sounded so merrily when, while reaping or gleanings, love and labour went hand in hand, as she jested with her sun-burnt swain. The creaking wagon and the jingling harness are gone: a broken bottle where the last "stouk" stood, is all that tells you of health pledged in brown home-brewed ale; and a few straggling ears which the birds have emptied, hanging on the withering hedges, are the only melancholy relics of the happy harvest. The rain patters on the hips and haws, and poisonous berries of the nightshade; and instead of the beautiful way-side flowers, you see now only the brown dry seed-vessels, that droop their heads, and seem to wait anxiously for the autumn winds to blow them abroad, the fallen leaves to bury them, and the dead-sounding rain to beat upon their graves. On some low, damp, swampy waste you see a few solitary corn-sheaves standing, which no sun could ever reach to ripen, but which were cut while green and small, when all the upland crops were ripe and golden; and these have been rained and blown upon, and now stand black and rotten on that swampy and sunless spot, while the poor proprietor sits sighing and shivering with the ague in the ruinous hovel at the end of his blighted field. This is the dark side of the scene.

Turn we now to bright, sunny September, with a sky as blue and clear as ever hung over Italy; while the trees, in all the richest dyes of Autumn, hang like curtains of crimson and gold and purple and green along the woodlands, where the voices of the merry nutters are heard, while in the hidden windings of the lane we hear the prattle of children busy blackberrying. Or glance at the hop-

grounds, where Summer songs are yet chanted over the last of out-door labour which all can share in, and then September becomes a joyous month.

It is the soul that sees; the outward eyes  
Present the object, but the mind descends;  
And thence delight, disgust, or cool indifference rise.  
When minds are joyful, then we look around,  
And what is seen is all on fairy ground:  
Again they sicken, and on every view  
Cast their own dull and melancholy hue.

The above extract is from "nature's sternest painter," Crabbe; and finely does he preach from this text in that splendid poem entitled "The Lover's Journey." In love, and happy with himself and all around him, Orlando starts out to visit Laura, and his journey lies through a miserable country; but he is in such a state of happiness, that he pronounces everything he sees beautiful. He rides over a barren heath, and is in raptures with the ling, and gorse, and cup-moss, the scarlet tinge of which he compares to Laura's lip. Onward he goes through lanes of "burning sand" and thin crops of withered rye, variegated by the waste-loving poppy; and although the very lines seem to fill your throat with dust, and to make you thirsty while reading, in his eyes the scenery is lovely. He reaches a common "wild and wide," on which a few half-starved, dirty, black-legged sheep are feeding on the "meagre herbage;" and though he sees nothing except a few "scattered hovels" and "brown, square stacks of turf," with a mill, a smith's shop, and a low roadside inn, yet he joyously exclaims, "Ay, this is nature!" He next comes to a "level fen, with dykes on either hand," that roll "through sloping banks of slimy mud," in which a rotten boat is sunk. There is no vegetation in this desolate place, saving "sharp rushes, salt lavender, dark sallows, and the slimy marsh-mallow;" the sounds are the rush of the muddy water, and the roar of the sea—neither tree nor hedge to keep off the sun; yet, with all



these marsh vapours curling and reeking around him, and poisoning the air, he exclaims:—

All that grows has grace;  
All are appropriate: bog, and marsh, and fen,  
Are only poor to undiscerning men.

So he goes on admiring everything, until he reaches the end of his journey, and learns that Laura has gone. She has, however, left a letter, and he must follow her. This time his way lies through a beautiful country, but in his eyes it is hateful—he is disappointed and displeased with everything he sees. The scene beside the river is one of the most beautiful bits of pastoral painting in all Crabbe's poems. This we have not space to extract, our object being to make our readers acquainted with the lover's feelings; and then he breaks out:—

I hate these scenes!  
And these proud farmers!—yes, I hate their pride!  
See that sleek fellow, how he strides along—  
Strong as an ox, and ignorant as strong!  
Can you close crops a single eye detain  
But his, who counts the profits of the grain?  
And these vile beans, with deleterious smell,  
Where is their beauty?—can a mortal tell?  
These deep fat meadows I detest: it shocks  
One's feelings there to see the grazing ox  
For slaughter fatted; as a lady's smile  
Rejoices man, and means his death the while.  
\* \* \* \* \*  
I hate these long green lanes—there's nothing seen  
In this vile country but eternal green.  
Woods! waters! meadows! will they never end?  
'Tis a vile prospect—Gone to see a friend!

What a fine dramatic touch is that abrupt turn of thought from the landscape to Laura—"Gone to see a friend!" And so he goes on, grumbling and finding fault with all he sees, until he arrives at the house where Laura is visiting, &c.

As Shooting commences in September, we shall, in accordance with the plan we have adopted throughout this year's Almanack, take a rapid survey of the feathered game which affords the sportsman amusement during the present and the following months; commencing with Grouse-Shooting, which begins in August.

We commence with black-grouse, or the blackcock, which is, we believe, "Royal game." This bird is seldom found in any quantity except in Scotland, where it frequents moist covers and lower situations than that chosen by the red-grouse, for the latter is fond of heaths and moorlands where the berries of ling are plentiful. The red-grouse is a true British bird, and is said never to be found on the Continent. Once it was plentiful in Yorkshire, and above forty brace have been shot by one man by the noon of day: though a few are yet found there, Scotland is the chosen residence of this much-coveted bird. There are some extensive moors in Westmoreland where grouse abound, many of these wilds stretching to a distance of thirty or forty miles; and unless a stranger has a keen eye and a retentive memory of landmarks, he will be likely enough, while shooting in these solitudes, if he is not provided with a pocket compass, when night comes, to take up "his lodging on the cold ground," if he ventures too far without a guide. The ptarmigan or white-grouse is only to be met with in the Highlands of Scotland, appearing to be fond of cold situations: its flavour is considered inferior to that of the red-grouse. The grouse localities in Scotland let for high rentals, nor are they always well stocked. There have been loud clamours lately respecting a deficiency of game; nor do we think the facility of railway travelling at all likely to lessen the outcry, for hundreds will, no doubt, now rush to the moors, whom time and the expense of the journey formerly kept at home.

To those who are wealthy, and can afford to encamp on the Scottish moors, attended by their servants, and surrounded with all the "good things" conducive to the comforting of the outer and inner man, grouse-shooting is most princely amusement. There they can "eat, drink, and make merry," take healthy exercise by day, and enjoy sound sleep under their canvass roof at night, without experiencing any greater trouble than that of a bad day's sport. Splendid hunting grounds are those wild and pathless moors, where the eagle is seen wheeling overhead, and the stag standing sentinel on some lofty summit, as his antlered forefathers did a thousand years ago.

But to come to the practical. Daniel recommends "the old English spaniel or setter, in preference to the smooth pointer, in shooting red-grouse; they are better nosers, and their feet are defended by their long hair from the ling, which in dry weather cuts like wire." A cold rainy season is unfavourable for grouse, as the birds do not pair so freely. The best time to find them on their feeding grounds is in the morning; when having gorged their fill they fly away to little knolls, and sheltering banks on which the sun shines, and there, half-hidden by the heather, they stand and preen themselves or doze away the hours. But little sport is to be had in the middle of a very hot day; although when the morning has been misty, and it clears off, the birds will again begin to feed, especially if in a locality where plenty of berries grow. Many who have gone out grouse-shooting for the first time, have been greatly disappointed at finding that the birds are far from easy to hit. They have not been prepared for that perpendicular rising to an altitude of twelve or twenty yards before the bird made off in a straight course; nor have they understood catching him in what is called the "outward-turn." Colonel Hawker says, "For shooting grouse, select a fine sunny day, from about eight till five in August or September, and from about eleven till three at the latter period of the season, as they are then extremely

wild, and will only lie tolerably during the few hours which are favoured by a warm sun. Unless the weather is very fine, you will see them running and getting up five hundred yards before you. In this case let one person take an immense circle, so as to head them, while the others remain behind, to press them forward when he is ready: and, above all things, you should, for killing them at this time of the year, use either No. 1, 2, or 3 shot, in the largest single gun that you can possibly manage. Grouse take a harder blow than partridges, and do not fly quite so regular and steady."

In partridge-shooting, a sportsman, if at all acquainted with the ground, generally knows where to "prick" for his coveys, having often watched where the birds alight and feed. Once on the spot, if game be pretty plentiful, it will not be long before the dogs are seen stationary and "mute as marble." The marker will also have his eye on the scattered covey the moment the trigger is pulled, though sometimes, after alighting, they will run fifty or one hundred yards through the stubble, but this will not mislead you, if your dogs and men understand their work. Sometimes a covey parts, and if you have two dogs they will each follow a division, and then point their own game: then you

Must make yourself happy with either;

but be sure to decide on one, "while the other dear charmer's away." No true sportsman will follow the same birds many times in one day, but allow them to rest and recover themselves from the alarm, for they soon regain confidence, and rarely fly their haunts for long, for the loss of a member or two of the family. The old birds, though, are regular "artful dodgers," and a sportsman stands the best chance when they have gone out for a holiday, and left the young ones to enjoy themselves at home. The sight of a bird of prey breaks a covey into more pieces than the report of a gun, for then every one seems to look out for himself, and creeps into the first hole or corner it can find. To conclude, partridges shelter everywhere.

Although pheasant-shooting has not yet commenced, it is so closely allied to grouse and partridge-shooting, as to fall in regular succession. All know that the pheasant is a beautiful bird, and his eyes look as if they were set in rubies, so richly coloured is the scarlet rim with which they are encircled; while a dark patch of purple feathers relieves them underneath. The head and neck assume such a variety of gaudy hues, when seen in the shifting light, that it is almost impossible to tell where the blue or purple begins, or the rich, ever-varying green ends. Sometimes we have seen this beautiful bird flying across an open glade, in the sunshine, and, as the blaze of light fell upon it, the plumage was tinged with every imaginable hue of gold and green and purple and violet and crimson, barred and flecked and speckled with rich umbery brown and glossy black—far more splendid than the mingled tints of the rainbow. When the King of Lydia was seated on his golden throne, and covered with priceless jewels, he asked the wise Solon, if he had ever beheld anything that equalled the splendour with which he was surrounded? "The plumage of the pheasant excels it all," answered the great philosopher.

Yet, against this beautiful bird, almost more than any other, is brought the murderous system of battue-shooting. We do believe that many English gentlemen have set their faces against this unfair practice of sporting, of late, which is really no better than converting the woods and preserves into a wholesale slaughter-house. The poor birds have no chance of escaping, when a dozen barrels are aimed at them from every direction. It is as cruel a system, in our eye, as the once barbarous custom of pinning a cock to the ground at Shrove-tide, and shying at it with heavy sticks. If the bird is missed by one, it is sure to be hit by another—like the poor pigeons in the shooting matches in Battersea-fields, who are waylaid in every direction, and fired at by every Cockney snob that can pull a trigger.

There is something very startling to a novice in the flushing of a pheasant, the first time he takes aim at it, and there is great odds against his hitting the bird, for its manner of rising is unlike that of any other feathered game—so sudden is the spring, so loud the noise, so unexpected the rattle and rustle of the branches and dead leaves it sweeps through, that we have seen men of iron nerves start aside when the silence of the deep woods has been all at once broken by the unexpected "whirr" of the pheasant. One of our humorous contemporaries has described it as a sudden display of fireworks, which, if such a thing were to be met with suddenly in the gloomy glen of some dark old forest, would, we think, cause the bravest of us to take to our heels, and leave a certain nameless old gentleman to "take the hindmost."

Spaniels broken in for pheasants ought never to be allowed to spring any other game. If they are not broken from questing other game, says Daniel, "they disturb the pheasants, who just fly up and perch upon the lower boughs; and the ground of the covert is in vain traversed and beaten for birds that are already some yards above it." On very wet mornings pheasants frequently quit the woods, and shelter in the neighbouring fields, annoyed, as some believe, by the continual "drop, dropping" of the rain from the leaves. "A foggy day," says Blaine, "is not unfavourable to pheasant-shooting, and the birds then stray abroad, and rove to considerable distances. Nevertheless, we have always observed that on these days pheasants are doubly alert with their ears; consequently, springing spaniels are not good to quest with. . . . On the contrary, when a very bright day shines overhead, having tried the morning feeding-grounds, we would advise the gunner to scour the woods well. . . . The morning's scent, also, when almost evaporated, makes it necessary that your selves, dogs, and beaters should hunt the closer. Try every part of the cover; pheasants are capricious; but in the forenoon are often found under the bushes and brambles, which frequently surround the larger trees of the forest."



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## SEPTEMBER.

THE SUN is situated north of the Equator till the 22nd; and he crosses the Equator, going south, on the 23rd. He passes from the sign Virgo to Libra on the 23rd day, at 3h. 51m. P.M., and Autumn commences, he having been in the former sign 30 days, 20 hours, 33 minutes. On the 1st day his distance from the Earth is 95,825,000 miles.

He rises and sets on the 23rd, at the east and west points of the horizon.

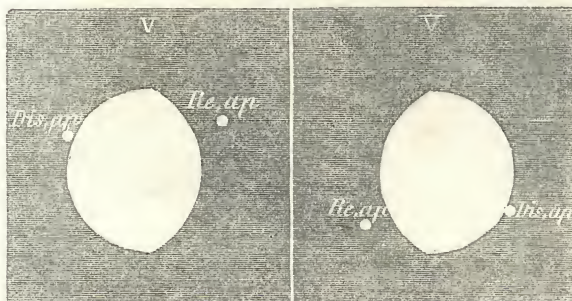
The Moon, on the 1st, passes from the constellation Libra into that of Scorpio; on the 2nd she passes into Ophiuchus; on the 4th, into Sagittarius; on the 6th, into Capricornus; on the 8th, into Aquarius; on the 10th, into Pisces; on the 13th, into Cetus; on the 14th, into Aries; on the 15th, into Taurus; on the 18th, into Orion; on the 19th, into Gemini; on the 20th, into Cancer; on the 22nd, into Leo; on the 24th, into Virgo; on the 26th, into Libra; and on the 29th, into Scorpio and Ophiuchus.

She is above the horizon when the Sun is below, during the morning hours, from the 8th to the 25th; during the evening hours, from the 1st to the 21st; and the early evening hours, from the 27th.

She is at her extreme south declination on the 5th; is on the Equator on the 12th; is again on the Equator on the 25th; after which she is moving southward.

She is near Uranus and Saturn on the 14th, Mars on the 19th, Mercury on the 24th, Venus on the 25th, and Jupiter on the 26th.

OCCULTATION OF A STAR OF THE 4TH MAGNITUDE BY THE MOON, SEPTEMBER 14, 1851, AS SEEN THROUGH A TELESCOPE WHICH



Does not invert.

Does invert.

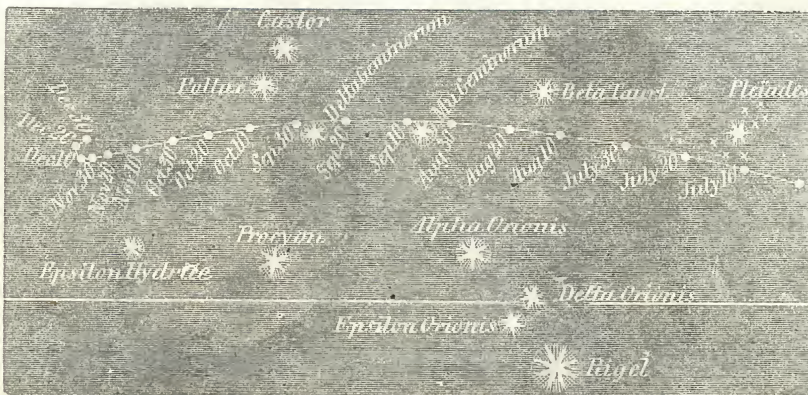
The star will disappear at the bright limb of the Moon at 10h. 20m. P.M., and re-appear at the dark limb at 11h. 16m. P.M.

MERCURY is in the constellation Virgo throughout the month. The Sun rises before the planet to the 21st; they rise at the same time on the 22nd; and from the 23rd the planet rises before the Sun, by 30 minutes on the 25th, and by 1 hour 16 minutes on the last day. He sets after the Sun by intervals decreasing from 25 minutes on the 1st to 2 minutes on the 12th. During a few days only, at the end of the month, before sunrise, he is favourably situated for observation. He sets till the 18th near the W. by S.; and he rises on the 25th at the east point of the horizon. He is moving eastward among the stars till the 7th; is stationary among them on the 8th; and is moving westward from the 9th to the 20th. He is near Venus on the 22nd, and the Moon on the 24th.

VENUS is in the constellation Leo till the 16th, and in Virgo from the 17th to the end of the month.

She is a morning star, and rises on the 1st at 4h. 21m., and on the last day at 5h. 35m.; near the E.N.E. at the beginning of the month, at the E. by N. on the 13th, and at the E. point of the horizon on the 27th. She is moving eastward among the stars, and is near the Moon on the 25th. Her path among the stars is shewn in the diagram in December; and, by comparing her place in this diagram on September 22 with that occupied by Mercury on the same day, (see his path in last month), it will be seen that these planets at this time occupy nearly the same place in the heavens.

PATH OF MARS FROM JULY 1 TO DECEMBER 31, 1851.



Scale, 24 degrees to one inch.

MARS is in the constellation Gemini throughout the month. He is a morning star, and rises at 11h. 4m. P.M. on the 3rd; and at 10h. 35m. P.M. on the 27th; nearly midway between the N.E. by N. and the N.E. points of the horizon. He is moving eastward among the stars, and is near the Moon on the 19th. His path among the stars from July 1 to the end of the year is shewn in the above diagram.

JUPITER is in the constellation Virgo throughout the month. He is visible for a short time after sunset; and sets on the 3rd at 7h. 59m. P.M., and on the 27th at 6h. 34m. P.M., near the W. by S. point of the horizon. He moves eastward among the stars, and is near the Moon on the 26th.

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION OR EMERSION.



1st Sat.

2nd Sat.

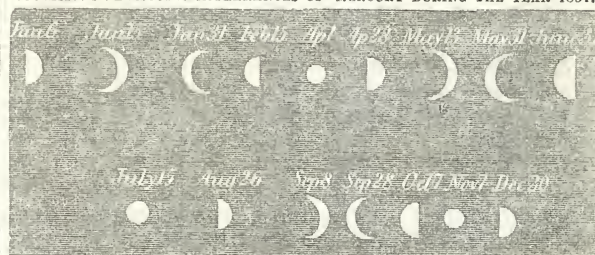
3rd Sat.

SATURN is in the constellation Aries throughout the month. He is visible throughout the night; rises at 8h. 23m. P.M. on the 3rd, and at 6h. 46m. on the 27th, nearly midway between the W. by N. and the W.N.W. points of the horizon; and souths at an altitude of 43° on the 15th.

URANUS is in the constellation Aries throughout the month. He rises on the 15th at 7h. 22m. P.M., and souths at 2h. 34m. A.M.

NEPTUNE rises on the 1st at 6h. 47m. P.M., and sets at 5h. 19m. A.M.; and on the 15th at 5h. 48m. P.M., and 4h. 18m. A.M.

SUCCESSIVE TELESCOPIC APPEARANCES OF MERCURY DURING THE YEAR 1851.



Scale, 40 seconds of arc to one inch.

And the appearances of the planet will be intermediate between these times.

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.		OCCULTATIONS OF STARS BY THE MOON.																	
	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Neptune.		Names of the Stars.	Magni- tude.	Times of disappear- ance & re-appear- ance of the <i>Star</i> .	At which limb of the Moon.	Between what Latitudes visible.									
	Afternoon		Morning.		Morning.		Afternoon		Morning.		Afternoon															
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.														
1	1	32	11	33	7	26	2	42	3	32	12	3	28 Sagittarii	6	{	D. H. M.	Dark	19° N. & 67° N.								
6	1	20	11	37	7	20	2	26	3	12	11	41							{	4	50 P.M.	Bright	67° N.			
11	1	0	11	40	7	13	2	10	2	52	11	19							{	14	10 P.M.	Bright	8° N. & 90° N.			
16	0	30	11	44	7	6	1	54	2	31	10	59	A Star	4	{	14	11 P.M.	Dark	90° N.							
21	Morn.		11	47	6	59	1	38	2	11	10	38								{	16	10 P.M.	Bright	27° N. & 90° N.		
26	11	13	11	50	6	52	1	22	1	50	10	18								{	16	11 P.M.	Dark	90° N.		
30	10	58	11	52	6	46	1	9	1	33	10	2	63 Tauri	6	{	16	11 P.M.	Dark	90° N.							
													Are not visible, Jupiter being too near to the Sun.													

Are not visible, Jupiter being too near to the Sun.

TIMES OF CHANGES OF THE MOON, And when she is at her greatest distance (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.

First Quarter	2d. 1h. 53m. P.M.
FULL MOON	10 1 44 P.M.
LAST QUARTER	18 1 29 P.M.
NEW MOON	25 6 12 A.M.
APOGEE	10 4 P.M.
PERIGEE	24 10 P.M.

RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.

Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.	
	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.
1	12h. 13m	4° 44'	10h. 13m	12° 27'	6h. 6m	22° 35'	13h. 22m	7° 30'	2h. 11m	10° 24'	2h. 9m	12° 26'	22h. 39m	9° 25'
6	12 20	6 14	10 36	10 15	6 19	23 36	13 26	7 52	2 11	10 20	2 8	12 24	22 39	9 28
11	12 19	6 35	11 0	7 57	6 33	23 34	13 29	8 14	2 10	10 15	2 8	12 22	22 39	9 31
16	12 10	5 22	11 23	5 33	6 45	23 28	13 33	8 36	2 9	10 10	2 7	12 19	22 38	9 33
21	11 53	2 34	11 46	3 4	6 58	23 18	13 37	8 59	2 8	10 3	2 7	12 16	22 38	9 36
26	11 38	North. 12	9	0 34	7 10	23 6	13 41	9 21	2 7	9 56	2 6	12 13	22 37	9 40





FREDERICK WILLIAM IV., KING OF PRUSSIA, BORN OCTOBER 15, 1795; ASCENDED THE THRONE JUNE 7, 1840.

M	W	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SUN.					MOON.					DURATION OF MOONLIGHT.					HIGH WATER		Day of the Year.		
			SOUTHS.					SOUTHS.					Before Sunrise.					At London Bridges				
			Rises.	Before 12 o'clock.	Height above horizon.	Sets.		Rises.	Afternoon	Afternoon	Height above horizon.	Sets.	Afternoon	O'Clock. 2h. 4h. 5h.	Mon's Age.	After Sunset. O'Clock. 7h. 8h. 10h.	Morning	Afternoon				
D	D		H. M.	M. S.	Deg.	H. M.	H. M.	H. M.	Deg.	H. M.												
1	W	<i>Remigius. Phst.</i>	6	1	10	12 35	1	5	40	1	29	5	36	16	9	41	6	6	20	274		
2	Th	[shooting begins]	6	3	10	31 35	5	38		2	23	6	28	16	10	34	6	45	7	16	275	
3	F	<i>Old St. Matthew</i>	6	5	10	49 34	3	5	35	3	10	7	19	17	11	33	7	50	8	30	276	
4	S	Length of night 12h 53m	6	7	11	83 4	5	32		3	45	8	7	19	Morning.		9	10	9	55	277	
5	S	16TH S. aft. TRIN.	6	9	11	26 34	5	29		4	15	8	53	21 3	0	34	10	10	11	20	278	
6	M	<i>Faith</i>	6	10	11	44 33	5	27		4	40	9	37	25 1	1	38	11	11	No Tide.		279	
7	Tu	Alpha Lyrae souths 5h 29m F.M.	6	12	12	133 1	5	24		5	1	10	20	29 2	2	44	12	0	20	0	45	280
8	W	Length of day 11h. 6m.	6	14	12	18 32	3	5	22	5	20	11	2	33 3	3	49	13	1	5	1	25	281
9	Th	<i>St. Denys</i> [beg	6	15	12	35 32	5	20		5	38	11	43	38 1	4	53	14	1	40	1	55	282
10	F	Oxf. and Cam. T.	6	17	12	51 32	5	18		6	4	Morning.	—	5	59		16	2	10	2	25	283
11	S	Old Michael. Day	6	19	13	63 1	5	15		6	16	0	25	43	7	6	17	2	40	2	55	284
12	S	17TH S. aft. TRIN.	6	20	13	22 31	5	13		6	39	1	8	47 1	8	13	18	3	10	3	25	285
13	M	Fire Insur. due.	6	22	13	36 30	5	10		7	3	1	53	51 3	9	21	19	3	40	3	55	286
14	Tu	Translation of Edward the Confessor	6	24	13	50 30	5	8		7	34	2	40	55 1	10	29	20	4	10	4	25	287
15	W	Alpha Aquile souths 6h 9m F.M.	6	25	14	430 5	6			8	13	3	30	58	11	35	21	4	40	5	0	288
16	Th	Alpha Cygni souths 6h 57m F.M.	6	27	14	17 29	5	4		9	1	4	23	59 1	Afternoon		22	5	15	5	35	289
17	F	<i>Etheldreda</i>	6	28	14	30 29	5	2		10	0	5	18	60	1	34	23	6	0	6	25	290
18	S	<i>St. Luke</i>	6	30	14	41 29	5	0		11	9	6	14	59 1	2	22	24	6	50	7	25	291
19	S	18TH S. aft. TRIN.	6	31	14	53 28	4	58		Morning.	7	11	57	3	2		25	8	5	8	50	292
20	M	Bat. of Nav., 1827	6	32	15	3 28	4	56		0	24	8	7	53 1	3	35	26	9	35	10	20	293
21	Tu	Bat. of Traf., 1805	6	34	15	13 28	4	54		1	45	9	2	48 3	4	3	27	11	5	11	35	294
22	W	[Nelson killed]	6	36	15	22 27	4	52		3	9	9	56	43	4	27	28	No Tide.	0	5		295
23	Th	Length of day 10h 12m	6	38	15	31 27	4	50		4	33	10	50	37 1	4	56	29	0	30	0	55	296
24	F	[ <i>St. Crispian</i> ]	6	40	15	39 26	4	47		5	59	11	44	30 1	5	16	30	1	20	1	40	297
25	S	<i>St. Crispin and</i>	6	42	15	46 26	4	45		7	23	Afternoon	26 1	5	40		31	2	30	2	25	298
26	S	19TH S. aft. TRIN.	6	44	15	52 26	4	43		8	46	1	33	21 1	6	11	1	2	45	3	10	299
27	M	Pomalhaut souths 8h 27m F.M.	6	46	15	58 25	4	41		16	3	2	29	18 1	6	47	2	3	30	3	50	300
28	Tu	<i>St. Simon. St. Jude</i>	6	48	16	3 25	4	39		11	15	3	25	16 1	7	32	3	4	10	4	30	301
29	W	Alpha Pegasi souths 8h 27m F.M.	6	50	16	7 25	4	37		Afternoon	4	19	15	1 3	8	21	4	5	10	5	10	302
30	Th	Alpha Andromedæ souths 9h 26m F.M.	6	51	16	11 24	4	36		1	7	5	12	16 1	9	20	5	6	35	5	55	303
31	F	Length of night 14h 23m	6	53	16	14 24	4	34		1	47	6	2	17 3	10	23	6	20	6	45		304





Now, Autumn comes in solemn gold,  
 And on the earth the flowers are strown;  
 The trees are thin and bare, and cold;  
 The clouds above the landscape frown:  
 'Tis dreary on the lonesome wold,  
 But cheerful on the mountain brown,  
 Where stands the deer with antler'd head.  
 Heetic, and grey, and green, and red,  
 Are the dead leaves on which we tread.—DUNSTAN DORMOUSE.

OCTOBER comes like the first battalion of the enemy from the yet distant army of Winter, and forages the borders of the land, stripping the trees of their foliage, to make room for the march of all his millions of flaky followers of snow and hail, who, in a few weeks more, will be moving from their frosty quarters in the north. The advanced guard already go howling through the land, and the trees roar and moan in their great agony, seeming to writhe with pain and anger while stripped of their leafy covering, and striking with their gnarled branches as if endeavouring to beat back their destroyers. Where the violets bloomed, and the yellow primroses lay like smiling faces on the sward, the dead brown leaves are gathered in heaps, as if, weary of endeavouring to escape further from the enemy, they had made a sullen halt, lain down and perished together. Where the blackbird, and linnet, and thrush stood and answered each other amid the "embowered green," the wind now pipes through the naked branches, and the round rain-drops rattle on the bare skeletons of Summer. By the bank-sides, where the flowers bloomed, and the bee hummed, and the wing-folded butterfly balanced itself upon the blossoms, the long grass hangs wan and withered, bowed down by the wet rotting leaves and the crumbling earth which slips away from the dead roots. The Summer band of birds has departed from the woodland theatre, and gone over the seas; and the robin sits humming a dirge among the empty stalls and boxes, as if he were alone—the sole occupier of the mansion they have deserted. The brooks no longer roll along with gentle murmur, but come tearing and chasing down the hill-sides, as if angry at having to drag along with them the heavy rain-torrents, and seeking in vain to escape from the bursting clouds.

"What a blessed order of nature it is," says Professor Wilson, "that the foot-steps of time are 'inaudible and noiseless,' and that the seasons of life are like those of the year, so indistinguishably brought on, in gentle progress, and imperceptibly blended the one with the other, that the human being scarcely knows, except from a faint, and not unpleasant feeling, that he is growing old. The boy looks on the youth, the youth on the man, the man in his prime on the grey-headed sire, each on the other, as on a separate existence in a separate

world. They seem sometimes as if they had no sympathies, no thoughts in common, that each smiled and wept on account of things for which the other cared not, and that such smiles and tears were all foolish, idle, and most vain; but as the hours, days, weeks, months, and years go by, how changes one into the other, till, without any violence, lo! as if close together at last, the cradle and the grave! In this how Nature and Man agree, pacing on and on to the completion of a year—a life! The Spring, how soft and tender indeed, with its buds and blossoms, and the blessedness of the light of heaven, so fresh, young, and new; a blessedness to feel, to hear, to see, and to breathe. Yet, the Spring is often touched by frost, as if it had its own Winter, and is felt to urge and be urged on upon that Summer, of which the green earth, as it murmurs, seems to have some secret forethought. The Summer, as it lies on the broad-blooming bosom of the earth, is yet faintly conscious of the coming-on of Autumn with 'sere and yellow leaf'—the sunshine owns the presence of the shade—and there is at times a pause, as of melancholy amid the *transitory mirth*. Autumn comes with its full or decaying ripeness, and its colours grave or gorgeous, the noise of song or sickle, of the wheels of wains, and all the busy toils of prophetic man gathering up against the bare cold Winter provision for the body and for the soul. Winter! and cold and bare as fancy pictured, yet not without beauty and joy of its own, while something belonging to the other seasons that are fled, some gleanings as of Spring-light, and flowers fair as of Spring among the snow-meridians, bright as Summer morns, and woods bearing the magnificent hues of Autumn on into Christmas frost, clothe the Old Year with beauty and with glory not its own; and just so with old age, the Winter, the last scene of man's ever-varying, yet never wholly changed life."—(*Blackwood's Magazine*, June, 1828.)

Having, in a former Number of the ILLUSTRATED LONDON ALMANACK, dwelt upon the winter-sleep of animals, and the provision many of them make against this dreary season, I shall now describe more fully than I have hitherto done the habits of the bats, the most curious of all our British quadrupeds, and still believed to be birds by many of the simple country-



people, who have no idea that they bring forth their young alive, and suckle them. Who has not seen the bat flitting by of a summer evening in pursuit of insects, in the dim and purple twilight, sometimes skimming along so low as to be within a few feet of the ground? We had an old rhyme, when boys, which we repeated as we tried to capture this leather-like winged little animal—hat in hand—which was,

Bat, bat, come under my hat,  
And I'll give you a fitch of bacon.

We did not then know how it concealed itself in winter; but looked upon it as a kind of winged mouse; nor can I spell the name nearer that we called it by than that of "devil-dewlin"—a name for which I can discover no origin beyond that of this little quadruped bearing some resemblance to Old Harry, as we find him represented in our old books. During the winter months the bats enter caves, old churches, hollow trees, or any other dark solitary place, and hanging on by the claws of their hinder-legs, head downwards, sleep away the hours until Spring again appears. In this manner will dozens hang together, one lapping over the other, like the scales of fishes. Wings is hardly a proper term for the membranes by which the bat is enabled to fly: so differently constructed are they from the wings of birds, that an eminent naturalist has compared them to the silk stretched upon the ribs of an umbrella; nor are the fingers which support this leathery membrane, and which the bat can open or close when it pleases, unlike, in construction, the whalebone and covering of an umbrella so far as regards the machinery by which it is opened and shut. That which appears like the arm or hand of the wing, and which when opened enables the bat to fly, has a hooked nail, or thumb, as it is called, by the aid of which it walks both on the ground and up any steep ascent, no matter how perpendicular it may be, providing it is rough enough to enable the bat to hold on by this hooked thumb. But we know of no animal that walks so ungainly as the bat: these hooks act as levers, and by their aid it lifts itself along—it is unlike the motion of any other living object that we are acquainted with.

Ugly as the bat is to look at, it is one of the cleanest of animals; it uses its little head as easily as we do a brush, and pokes about under its wings, and parts the hair down its back, and smooths and brushes it with as much pains as any fair maiden ever bestowed on her long silken ringlets. The bat is believed to have only a single young one at a time; she is a most careful and affectionate mother, and she will wrap up her little bantling in the hinder part of her membrane, and carry it with her. The bat has four ears, but what use she makes of the extra pair has not yet been clearly discovered. It is astonishing into what graceful folds the long-eared bat can throw its ears; and how it shuts them up when asleep, with not a vestige visible except what is called the tragus, or secondary ears. The horse shoe bat is without these secondary ears, while its nose is so intersected that it would baffle the best naturalist to describe it. Among the twelve species of bats already discovered are the notch-eared, long-eared, lesser long-eared, horse-shoe, mouse-coloured, parti-coloured, reddish grey, pigmy, whiskered, flitter-mouse, besides two others. The common bat, or flitter-mouse, is best known, and is almost as common a haunter of our houses as the sparrow, and may often be seen with its short ears "peaking" about under the eaves. Bats have been considered birds of ill-omen, for no other reason than that the old poets have chosen them as images to illustrate evil. We have, in a former Number of the ILLUSTRATED LONDON ALMANACK, interceded in behalf of the poor persecuted toads, and trust that what we have now written about bats, will cause them to be regarded with interest, and not wantonly destroyed. We know not how many millions of insects they rid us of.

Having before described the fox and the earth-stopper, I must now give a picture of Fox-hunting. It is an agreeable sight to witness the assembled horsemen riding leisurely up and down some extensive heath, beside the covert; or to see little groups rein up their horses, and conversing together; or to catch sight of a scarlet jacket a mile away—now seen, now lost by some winding of the road, high hedgerow, or clump of trees; or to gaze on the figure of some lovely lady—

The cynosure of neighbouring eyes—

as her palfrey ambles to and fro, while the dogs express their impatience by whining and looking up at the huntsman, who at last gives the signal, and exclaims "Eu-in, Eu-in there, dogs," and into the covert they leap, in all kinds of picturesque places—one by the withered fern, another by the stem of the mighty oak, some beneath the gorse bushes, others over the moss-covered railings, and all in a few moments lost to the eye, while the huntsman listens with his head aside for the opening cry of the hound which will first proclaim that Reynard is found. Mr. Beckford says:—"Many huntsmen are fond of having hounds at their horses' heels; and it is a modern fashion for the huntsman and whippers-in to ride into the covert, and by their noise, in some measure, to find the fox for their hounds; but this proceeding is apt to render hounds bad drawers, independent of the great chance of stubbing the horses, which, in a strong covert, too often occurs, without needlessly courting the danger. It is liable, also, where there are but few finders, to have a fox found by them which goes down the wind, and they are heard of no more that day. Besides, hounds never get so well or so soon together as when they spread the cover."

There can be but one opinion on this point; and if hounds will draw of themselves, it is the duty of every huntsman to save his horse from the sharp thorn-bushes, and the hooked brambles, and the piercing gorse, which tear the skin of a horse, enter his feet and legs, and make him restive all the day after. All eye, all ear, the head huntsman draws up beside the covert: he knows the voice of a skirter from that of a well-trained and stanch hound: all is for a time again silent; there is not a false babble in the pack. Listen! now you hear them

open! one bark is followed by another, then the whole pack joins in the cry, like the crash of a band of musicians. The fox is found, but he is in no hurry to start, though

He often takes leave, but is loth to depart;

for he must have a skulk or two somewhere, to mislead the hounds, and obtain a good start. Hark! that was the "Tally-ho! tua-loo! Away, away!" He is seen making off from the covert, and now the chase commences. The following is from one of my former works on the country:—

Now we see the first hound leap the low fence and clear the covert; he pauses for a moment, scents the spot, then throws back the joyous cry:

Another and another still succeeds,

each baying to his companion, who flings the tidings behind him, but has not time to stay, until, at last, the report reaches the farthest hound, and on they rush like a mob when the cry of "Stop thief!" is heard. Now the hounds are drawn together, and away they go over hedge and ditch, clearing everything at a bound; for the whippers-in have done their work well, and not a dog lingers in the wake. The head huntsman keeps well up with his leading hounds. Now the fat old Squire is thrown into the hedge, and one hardly knows which is the reddest—the hips of the wild-rose or his own "jolly nose." The young lady's veil has caught in the branch of the tree which overhung the hedge she cleared in such gallant style, and now streams out like a banner in the breeze. Now a new-booted young farmer attempts to clear a "nasty-looking fence," which every one hitherto has wisely shunned, and, like "vaulting ambition," he comes down head foremost, breaks his horse's knees, plunges up the earth with his head, and gets laughed at for his fool-hardiness. Now the old farmer, who is at work in his fields, places his hands in his pockets, utters a few deep curses to himself, and mumbles something about broken necks, while calculating the cost of repairing the fences which the hunters have broken down. Now a group of famished pedestrians who came out to see the "hounds throw off," invade the first turnip-field they reach, and looking with hungry eye on the sheep, think of gipsies, wood fires, and huge pots suspended from three stakes, simmering gently in wild green lanes. Now little boys run to open gates for timid horsemen, and if a few pence are not thrown to them, begin to whistle long, low, desponding notes, and to kick about the dead leaves dreadfully. Now some old publican, whose house stands on a distant eminence, hopes that the fox may be killed near his door, or that some gentleman may be brought in with a broken collar-bone, whom it will be dangerous to remove for a month at least; he also reckons up the profit of a few British cheroots at threepence each, which cost him eight shillings a pound, then steps inside to add a little more water to the brandy in his decanter. Now a check occurs, at which some of the followers of the chase swear, while others feel thankful, as their horses were already blown. Some, who have lost their hats, tie handkerchiefs round their heads; and those who have been thrown, laugh very loud, though they look rather pale; and when they think they are not noticed, vince and writhe under hurts which they are ashamed to confess to. Now the gentleman who staked the hunter, which cost him one hundred guineas, comes up on foot, biting the end of his whip, while he exclaims "Devilish good sport to-day."

Gone away! in sad earnest the peals are commencing;

Here a farmer and steed promiscuously roll;

There a Leicestershire blade, on a glutton for fencing,

Takes a bullfinch and breaks a buck's neck in a hole.

My lad! pull that stake out—wohoo! gently! od rot it,

(While the mare's in a fidget, the man's in a fright);

Do just stand aside, sir, and let me come at it.

Forward! forward! my boys! he's away to the right.

We must let Mr. Beckford come in at the death, which he does in true sporting style, as follows:—"Hark! they halloo! Ay, there he goes. It is nearly over with him; had the hounds caught view he must have died. He will hardly reach the covert; see how they gain upon him at every stroke! It is an admirable race; yet the covert saves him. Now be quiet, and he cannot escape us; we have the wind of the hounds, and cannot be better placed; how short he runs; he is now in the very strongest part of the covert. What a crash! every hound is in, and every hound is running for him. That was a quick turn! Again another; he's put to his last shifts. Now Mischief (the hound) is at his heels, and death is not far off. Ha! they all stop at once; all silent, and yet no earth is open. Listen! now they are at him again. Did you hear that hound catch him? they overran the scent, and the fox had laid down behind him. Now, Reynard, look to yourself. How quick they all give their tongues. Little Dreadnought, how he works him! the terriers too, they are now squeaking at him. How close Vengeance pursues; how terribly she presses; it is just up with him. What a crash they make! the whole wood resounds! That turn was very short. There! now! ay, now they have him. Whoop hoop!" The above description is excellent; you fancy as if you were at his elbow all the time—that he could see into the covert, and knew every dog by sight and name; and—and—after all you feel sorry for the poor fox.

After the fox is killed, he is generally seized by the huntsman, who cuts off his brush and feet; sometimes his head also; then throws his carcase to the hounds. Formerly, the body of the fox was suspended from the branch of some tree, at the foot of which the hounds congregated and chanted such a dirge round the dead body, as must have been very trying to the ears of a sensitive man. What a scramble is there amongst the hounds for the carcase; each one trying to seize a portion, yet finding it impossible to reach the poor fox, without first eating their way through their companions of the pack. The work of destruction seldom lasts beyond four or five minutes, and at the expiration of that period not a vestige of Reynard remains.

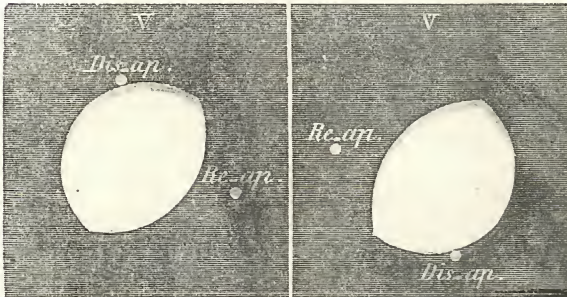


## OCTOBER.

THE SUN is situated south of the Equator, and is moving south. On the 24th day, at 0h. 5m. A.M., he passes from the sign Libra to Scorpio (the Scorpion), having been in the former sign 30 days, 8 hours, 14 minutes. On the 1st day he is 95,048,000 miles distant from the Earth. He rises and sets on the 11th, at the E. by S. and W. by S. points of the horizon.

THE MOON is in the constellation Sagittarius till the 3rd, on which day she enters Capricornus; on the 5th Aquarius; on the 7th Pisces; on the 10th Cetus; on the 11th Aries; on the 13th Taurus; on the 15th Orion; on the 16th Gemini; on the 18th Cancer; on the 19th Leo; on the 21st Virgo; on the 24th Libra; on the 25th Scorpio; on the 26th Ophiuchus; on the 28th Sagittarius; and on the 30th Capricornus.

OCCULTATION OF DELTA 1 TAURI BY THE MOON, OCTOBER 14, 1851, AS SEEN THROUGH A TELESCOPE WHICH



Does not invert.

Does invert.

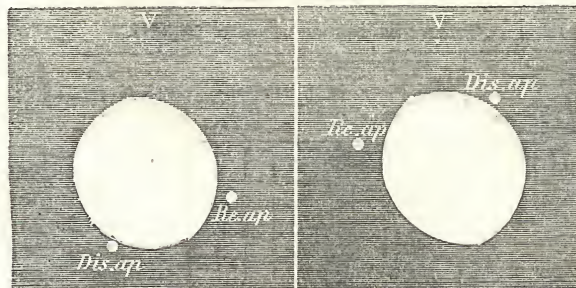
The star will disappear at the bright limb of the Moon at 5h. 57m. and re-appear at the dark limb at 6h. 55m. in the morning.

She is above the horizon when the Sun is below, during the morning hours from the 8th to the 26th; the evening hours from the 1st to the 20th, and after the 27th.

She is at her extreme south declination on the 2nd; is on the Equator on the 9th; at her extreme north declination on the 16th; on the Equator on the 23rd; and at her extreme south declination on the 30th.

She is near Saturn and Uranus on the 11th; Mars on the 18th; Mercury on the 23rd; Jupiter and Venus on the 24th.

OCCULTATION OF XI 2 CETI BY THE MOON, OCTOBER 11, 1851, AS SEEN THROUGH A TELESCOPE WHICH



Does not invert.

Does invert.

The star disappears at the bright limb of the Moon at 7h. 17m. and re-appears at the dark limb at 8h. 2m. in the evening.

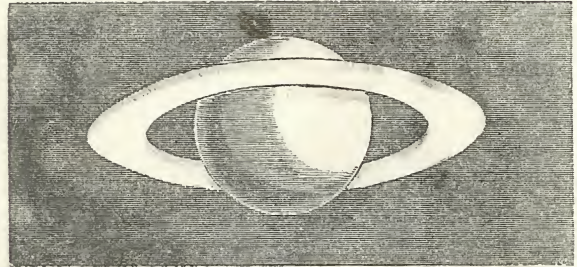
MERCURY is in the constellation Virgo throughout the month.

He both rises and sets before the Sun throughout the month: he is a morning star, rising at 4h. 36m. on the 1st; at 4h. 25m. on the 7th; at 4h. 56m. on the

16th; and at 6h. 24m. on the last day. He is favourably situated for observation before sun-rise, particularly between the 4th and 12th. He rises till the 20th near the E., and on the 25th, at the E. by S. points of the horizon. He is moving eastward among the stars throughout the month; is at his greatest western elongation on the 7th; and is near the Moon on the 23rd. His path among the stars is shown in the diagram in next month.

VENUS is in the constellation Virgo till the 24th; and in Libra from the 25th to the end of the month. She rises and sets at nearly the same times as the Sun, and is therefore unfavourably situated for observation. She rises and sets near the E. and W. points of the horizon on the 1st day; at the E. by S. and W. by S. on the 11th; and at the E.S.E. and W.S.W. towards the end of the month. She is moving eastward among the stars; is near Jupiter on the 20th, and the Moon on the 24th. For her path among the stars, see the diagram in the month of December, in which, on the 20th day, her place among the stars will be found to be almost identical with that occupied by Jupiter on the same day (see diagram in June), and therefore these two planets are nearly together on this day.

TELESCOPIC APPEARANCE OF SATURN IN OCTOBER, 1851.

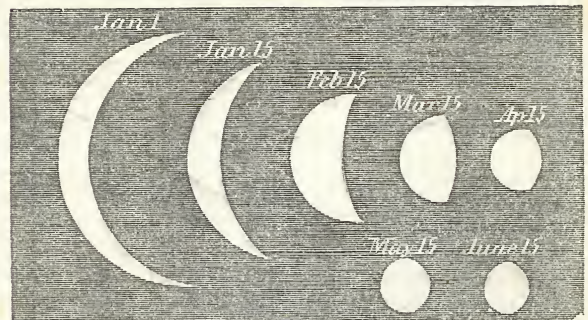


Scale, 20 seconds of arc to one inch.

MARS is in the constellation Gemini to the 13th; and in Cancer from the 14th to the end of the month. He is visible throughout the night, after rising on the 3rd, at 10h. 29m. P.M., and on the 27th, at 9h. 55m. P.M., near the N.E. by N. point of the horizon. He is moving eastward among the stars, and is near the Moon on the 18th. See his path among the stars in the diagram inserted in last month.

JUPITER is in the constellation Virgo throughout the month. He rises and sets at nearly the same time as the Sun, and he is not favourably situated for observation. He moves slowly eastward among the stars; and is near the Moon

TELESCOPIC APPEARANCES OF VENUS DURING THE YEAR 1851.



Scale, 40 seconds of arc to one inch.

The appearance of Venus during the remainder of the year will be that of a circle, somewhat less diameter than that of June 15.

on the 24th. See the diagram in June for his path among the stars. He is near Venus on the 22nd.

(Continued on page 47.)

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						
	Mercury.	Venus.	Mars.	Jupiter.	Saturn.	Neptune.	
	Morning.	Morning.	Morning.	Afternoon.	Morning.	Afternoon.	
1	H. M. 10 55	H. M. 11 53	H. M. 6 44	H. M. 1 6	H. M. 1 29	H. M. 9 53	
6	10 45	11 56	6 36	0 51	1 8	9 38	
11	10 48	11 59	6 27	0 35	0 47	9 18	
16	10 54	Aftern.	6 18	0 19	0 26	8 58	
21	11 5	0 7	6 8	0 4	0 5	8 33	
26	11 16	0 11	5 58	Morn.	Aftern.	8 22	
31	11 27	0 16	5 48	11 33	11 18	7 58	

## JUPITER'S SATELLITES.

## Eclipses of

Are not visible, Jupiter being too near to the Sun.

## OCCULTATIONS OF STARS BY THE MOON.

Names of the Stars.	Magni- tude.	Times of disappearance & re-appearance of the Stars.	At which limb of the Moon.	Between what Latitudes visible.
A Star 6607	6	{ D. H. M. 2 5 45 P.M.		Dark
		{ 2 7 7 P.M.		Bright
		{ 11 7 17 P.M.		Bright
		{ 11 8 2 P.M.		Dark
		{ 14 5 57 A.M.		Bright
		{ 14 6 55 A.M.		Dark
		{ 15 9 19 P.M.		Bright
		{ 15 9 25 P.M.		Dark
Xi 2 Ceti	4			16° N. & 67° N.
13 Delta 1 Tauri	4			35° N. & 90° N.
Chi 1 Orionis	5			9° S. & 60° N.
				46° N. & 90° N.

## TIMES OF CHANGES OF THE MOON, And when she is at her greatest distance (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.

First Quarter	2d.	2h. 30m. A.M.
Full Moon	10	6 33 A.M.
Last Quarter	19	0 13 A.M.
New Moon	24	3 10 P.M.
First Quarter	31	7 18 P.M.
Apogee	7	7 P.M.
Perigee	23	8 A.M.

## RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.

Days of the Month.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.		NEPTUNE.	
	Right Ascension	Declination North	Right Ascension	Declination South.	Right Ascension	Declination North.	Right Ascension	Declination South	Right Ascension	Declination North.	Right Ascension	Declination North.	Right Ascension	Declination South.
1	11h. 33m	3° 4'	12h. 31m	1° 59'	7h. 22m	22° 51'	13h. 45m	9° 44'	2h. 6m	9° 49'	2h. 5m	12° 9'	22h. 37m	5° 42'
6	11 43	3 16	12 54	4 30	7 33	22 34	13 49	10 7	2 4	9 41	2 5	12 6	22 37	9 44
11	12 4	1 35	13 17	6 59	7 45	22 15	13 53	10 30	2 3	9 33	2 4	12 2	22 36	9 45
16	12 32	South.	13 41	9 25	7 55	21 58	13 57	10 53	2 1	9 25	2 3	11 58	22 36	9 48
21	13 2	4 40	14 4	11 45	8 5	21 34	14 1	11 16	2 0	9 17	2 2	11 53	22 35	9 51
26	13 33	8 12	14 28	13 59	8 15	21 14	14 5	11 39	1 58	9 9	2 2	11 49	22 35	9 52





FREDERICK VII., KING OF DENMARK, BORN OCTOBER 6, 1806; ASCENDED THE THRONE JANUARY 20, 1848.

M	D	W	ANNIVERSARIES, OC- CURRENCES, FES TIVALS, &c.	SUN. SOUTHS.				MOON. SOUTHS.				DURATION OF MOONLIGHT.				HIGH WATER AT LONDON BRIDGE.				Day of the Year.	
				Rises	Before 12 o'clock.		Height above horizon.	Sets.	Rises.	Afternoon		Height above horizon.	Sets.	Before Sunrise.			After Sunset.		Morning		Afternoon
					u.	m.				u.	m.			u.	m.	O'Clock	2h.	4h.			
1	S		All Saints	6 56	16 15	24 1	4 32	2 20	6 50	20 1	11 27				8				7 15	7 50	305
2	S		20TH S. aft. TRIN.	6 57	16 17	23 1	4 31	2 46	7 35	23 1	Morning.				9				8 35	9 15	306
3	M		Michaelmas Term begins. All Souls	6 59	16 17	23 1	4 29	3 8	8 18	27 1	0 33				10				9 55	10 35	307
4	Tu		King Will. III. landed	7 1	16 17	23 1	4 27	3 26	9 0	32 1	1 38				11				11 10	11 45	308
5	W		Gunpowder Plot	7 2	16 16	23 1	4 26	3 45	9 41	36 1	2 44				12				No Tide.	0 5	309
6	Th		Leonard	7 4	16 14	22 1	4 24	4 2	10 23	41 1	3 48				13				0 30	0 50	310
7	F		Fomalhaut souths 7h 44m P.M.	7 6	16 11	22 1	4 23	4 22	11 6	46 1	4 55				14				1 5	1 20	311
8	S		Alpha Pegasi souths 7h 44m P.M.	7 7	16 7	22 1	4 22	4 43	11 50	50 1	6 3				15				1 40	1 55	312
9	S		21ST S. aft. TRIN.	7 9	16 3	21 1	4 20	5 7	Morning.	—	7 10				16				2 10	2 25	313
10	M		(Lord Mayor's Day)	7 10	15 57	21 1	4 19	5 35	0 37	54 1	8 20				17				2 45	3 0	314
11	Tu		St. Martin	7 12	15 51	21 1	4 18	6 11	1 27	57 1	9 29				18				3 15	3 30	315
12	W		Cam. T. div. mid	7 14	15 44	20 1	4 16	6 56	2 19	59 1	10 33				19				3 45	4 5	316
13	Th		Britius	7 16	15 36	20 1	4 14	7 51	3 14	60 1	11 33				20				4 20	4 40	317
14	F		Alpha Andromadæ souths 5h 7m P.M.	7 18	15 27	20 1	4 12	8 56	4 10	59 1	Afternoon.				21				5 0	5 25	318
15	S		Machutus	7 20	15 18	20 1	4 11	10 9	5 5	58 1	1 3				22				5 50	6 15	319
16	S		22ND S. aft. TRIN	7 22	15 7	19 1	4 10	11 26	6 0	55 1	1 38				23				6 40	7 10	320
17	M		Hugh, Bis. Linc.	7 23	14 56	19 1	4 9	Morning.	6 54	50 1	2 5				24				7 50	8 30	321
18	Tu		[Queen Elizabeth's acces.	7 25	14 43	19 1	4 8	0 48	7 47	45 1	2 31				25				9 15	9 55	322
19	W		Length of day 5h 40m	7 27	14 30	19 1	4 7	2 9	8 39	40 1	2 55				26				10 35	11 10	323
20	Th		Ed. King & Mar.	7 28	14 16	18 1	4 6	3 30	9 30	34 1	3 16				27				11 40	No Tide.	324
21	F		Princess Royal b.	7 30	14 2	18 1	4 5	4 52	10 23	28 1	3 41				28				0 5	0 30	325
22	S		St. Cecilia	7 31	13 46	18 1	4 3	6 14	11 17	23 1	4 9				29				0 55	1 20	326
23	S		23RDS. aft. TRIN.	7 33	13 30	18 1	4 2	7 37	Afternoon	19 1	4 39				30				1 45	2 5	327
24	M		[Old Martinmas Day]	7 35	13 18	18 1	4 0	8 53	1 9	17 5	19				1				2 25	2 45	328
25	Tu		Mich. Term ends	7 36	12 55	17 1	3 58	10 1	2 5	15 1	6 7				2				3 10	3 30	329
26	W		St. Stephen	7 38	12 36	17 1	3 57	10 58	3 0	14 1	7 3				3				3 50	4 10	330
27	Th		Princess Mary Adelaide born, 1833	7 39	12 17	17 1	3 56	11 45	3 53	16 1	8 6				4				4 35	4 55	331
28	F		Alpha Arietis souths 9h 31m P.M.	7 40	11 57	17 1	3 55	Afternoon	4 43	19 9	12				5				5 15	5 35	332
29	S		Length of night 15h 48m	7 42	11 36	17 1	3 54	0 48	5 29	22 1	10 18				6				6 0	6 20	333
30	S		ADVENT SUNDAY	7 44	11 14	17 1	3 54	1 14	6 14	26 11	24				7				6 45	7 15	334





There is strange music in the stirring wind,  
When lowers the autumnal eve, and all alone  
To the dark wood's cold covert thou art gone,  
Whose ancient trees on the rough slopes reclined  
Rock, and at times scatter their tresses o'er.  
If in such shades, beneath their murmuring,  
Thou late hast pass'd the happier hours of Spring,  
With sadness thou wilt mark the fading year.—W. L. BOWLES.

NOVEMBER, with its fog and darkness, and Lord Mayor's Show, and the multitude who stand wheezing and sneezing while looking at it, has so little that is interesting in scenery which I have not before described, that I shall now endeavour to carry my readers into a past age—to the gloomy old forests whose vert and venison were guarded by grim and savage laws, which condemned a man to suffer death if he killed a deer within the forbidden forest boundaries. The stag was hunted in those days with kingly pomp and grandeur, through forests that darkened many a long league of land, and such as will never wave over green England again. Never more will there be such a mustering of verderers, regarders, agistors, woodwards, forest-keepers, and retainers of every degree, as then assembled amid the sound of horns, the baying of hounds, and the tramp and neighing of horses, mounted by monarch, and baron bold, and maiden fair, whose long locks streamed out on the morning breeze, or while she bent her neck to speak to some unmounted knight beside her, mingled their silkeness for a moment with the mane of her palfrey.

Sometimes the hunters rode through lonely glens, where all was silence, saving the brawling of the brook—where the echoes were never broken by human voice, except when the antlered monarch of the forest led the hunters into these solitudes. For weary miles a deep twilight ever reigned at noonday in this dreamy land of trees, where boughs, the growth of many a century, overhung the underwood, in which the hind concealed her young until they were strong enough to trot by her side over the velvet sward, under the waving woodbines, and the tall spotted fox-gloves, and the broad fan-like leaves of the bracken.

It is now the morning of the chase; and we will forget the present day of rail-roads and steamboats, and place ourselves amongst the spectators who five hundred years ago assembled to witness the departure of the hunters. For miles around the forest men are stationed at given distances to drive back the deer that may attempt to escape; others are holding huge stag-hounds in strong leashes—hounds gaunt and shaggy, yet swifter of foot than the fallow-deer, and possessing strength enough to pull down the proudest leader of the antlered herd. The horses keep arching their necks, and pawing the ground, and scat-

tering the white foam on the bystanders, while they champ the bit restlessly, and jerk their heads impatiently, as if eager to be "sniffing the wind" afar off. And now the train issues from the grey postern of the old castle, over which the drooping ivy waves like the green "garland of eternity." Lady's scarf and knightly plume bend in the breeze, as they ride out side by side—forgotten beauty and forgotten bravery, once seen where only the wild wall-flower now waves.

Hark! the horn sounds: the hounds which have lain among the heather spring up; others strain at the leash; the horses become more impatient; hunters follow the foremost hounds into the forest; there is heard a loud crashing of branches; then the horn is again heard. Those three piercing blasts proclaim that the deer is started, and now the whole cavalcade dash into the wide grassy opening that winds for miles into the forest, marked by the wheels of wains and the hoofs of bullocks that have dragged many a stout gigantic tree from the solitude in which it stood for centuries. Fresh from his forest covert bounds the noble stag, looking around a moment in wild amazement; then springing through the underwood, he trots at first leisurely along some well-known path; then the baying of the hounds reaches his ear, and through the entangling thicket he thunders, parting the branches as if they were but mist, while they close again behind him with a force strong enough to sweep a lady from her palfrey. By the forest-brook, which has so often reflected his branching head, he now hurries along: the baying of the hounds draws nearer; he has already run miles, his mouth is now dry, his tongue hangs out, his horns fall back on his neck, and his eyes seem only to look behind, as if measuring the distance between him and his pursuers, and so, panting heavily, he passes along, and at last dashes across the stream. He shakes his antlered head, pauses again for the twentieth part of a second; and, while the wet drops which he scatters around fall on the brown fern and the gorse, and the bramble black with berries, and the briar red with hips, and the wild-rose, away he goes again into a still denser thicket, making the branches rattle again as he cleaves them asunder. A minute after, and the foremost hounds come up: for a moment they are at fault—they have lost the scent—in another second the



slot is found; they dash through the stream, and the forest again rings with their deep-mouthed clamour. Far behind come the horsemen, through openings of the wood, the bells of their bridles jingling with a pleasant sound, the horses stepping almost noiselessly on the forest turf, as they hurry along in their headlong course. Where the shadow of the broad oak falls, onward plunges the deer; he passes like a phantom through the sunshine between the trees. Onward come the hounds in pursuit; then the close branches shut out the scene, and all you hear are the echoes and the faint tramp of the last of the cavalcade. Later in the day, and far beyond the forest; you again see the poor wearied stag, dragging his limbs heavily along, while only two or three of the stancher hounds have been able to follow him, with one lonely hunter, whose jaded steed looks as if it would founder if urged on another step: the rest who followed have long ago drawn in their rein, and abandoned the chase. You look behind, and there see a noble hound panting on the ground, a rider standing beside his fallen horse; further on, a steed that has dropped down dead; nor have the hounds which have now reached the stag strength to pull him down, but, as they tug at his throat and maniches on the spot where he fell through sheer exhaustion, they are compelled to pause every moment to recover breath. See, the hunter alights; and with his knife ends the miseries of the poor stag.

The following beautiful song, descriptive of the chase, is from the pen of the late P. T. Fraser, the celebrated historian, and is one of the best modern compositions we have seen on the subject, excepting always that inimitable scene in the "Lady of the Lake:"—

Hark, through the greenwood ringing,  
Peals the merry horn;  
On gallant steed, o'er downy mead,  
Sir Aqueduct is borne.  
Many a brave and noble knight  
Pranceeth proud on left and right;  
With beagle food they draw the wood  
And loud and shrilly raise  
The music of the chase.

Deep within the forest,  
Fast by a fountain clear,  
With dewdrop dank upon his flank,  
Stands the noble deer.  
See, he starts! for, heard afar,  
Come the notes of woodland war;  
And up he springs, and on the wings  
That mock the mountain wind,  
Leaves hound and horn behind.

Sweet, sweet upon the mountain  
Sinks the setting sun;  
The coursers fleet scarce drag their foot;  
The weary chase is done.  
But where's the antler'd king who late  
Rang'd his realms in fearless state?  
Alas! alas! upon the grass,  
That his best heart's-blood dyes,  
The captured monarch lies.

The Earl of Athol, in 1563, had a grand hunting-match, at which the unfortunate Mary, Queen of Scots, was present. Two thousand Highlanders were employed in driving the deer from the hills of Athol, Badenoch, Muir, Moray, and the neighbouring counties, and nearly the whole of the Scottish nobility were present on the occasion. Upwards of two thousand deer were driven together. But we must let the author, William Barclay, who witnessed this "Royal hunt," as it was called, describe what he himself saw:—"The Queen, the great men, and a number of others, were in a glen, when all these deer were brought before them. Believe me, the whole body moved forward in something like battle order. This sight still strikes me, and ever will strike me, for they had a leader whom they followed close wherever he moved: this leader was a very fine stag, with a very high head. This sight delighted the Queen very much, but she soon had cause for fear, upon the Earl's (who had been from his early days accustomed to such sights) addressing her thus:—"Do you observe that stag who is foremost of the herd? There is danger from that stag; for, if either fear or rage should force him from the ridge of that hill, let everyone look to himself, for none of us will be out of the way of harm, for the rest will follow this one, and, having thrown us under foot, they will open a passage to this hill behind us." What happened a moment after confirmed this opinion; for the Queen ordered one of the best dogs to be let loose on one of the deer: this dog pursues; the leading stag was frightened; he flies the same way he had come there; the rest rush after him, and break out where the thickest body of the Highlanders was. They had nothing for it but to throw themselves flat on the heath and allow the deer to pass over them. It was told the Queen that several of the Highlanders had been wounded, and that two or three had been killed outright, and the whole body (of deer) had got off, had not the Highlanders, by their skill in hunting, fallen upon a stratagem to cut off the rear from the main body. It was of those that had been separated that the Queen's dogs and those of the nobility made slaughter. There were killed that day three hundred and sixty deer, with five wolves and some roes."

Many, no doubt, imagine that wolves were extinct in Great Britain at a very early period, and are not, perhaps, aware that England was infested with this formidable animal in the reign of Edward I., and that this Monarch issued a proclamation ordering the destruction of wolves in the counties of Gloucester, Worcester, Hereford, Salop, and Stafford, and that great rewards were paid to

those who destroyed these dreaded animals. The last wolf seen wild in Britain was killed about one hundred and seventy years ago, at Lochaber, in Scotland. A few centuries back, Yorkshire was so overrun with wolves, that places for shelter in case of attack were erected on the wolds and other wild and lonely parts of this extensive county; and parish-books yet exist, of a comparatively modern date, which show the sums paid to different individuals for destroying wolves. In those days they bred on the wolds and "caves," and found shelter in the vast forests which spread over England; and from these retreats the wolves issued forth at night, and devoured numbers of sheep.

Such, reader, was the England in which our forefathers lived, while as yet railroads, and steamboats, and electric telegraphs "lurked in the womb of Time." Then the slow pack-horse, and the heavy rumbling wain, often drawn by oxen, were the only modes of conveyance—the one with its packs and jingling bells, or wicker panniers, then called "dorsers" (and we have still in London the sign of the "Horse and Dorsers"); the other heavy and cumbrous, with wheels that moved on wooden axles: and when the miry and rutted roads are taken into consideration, our slow-paced carriers' carts are, comparatively speaking, four-horse coaches to the speed of travelling in those old primitive times. Then there were no lamps to light the streets on the dark November nights; but only an open cresset, not unlike a chafing-dish, stuck on a pole here and there, and which, being open, was soon blown out on a windy night. And, saving the drowsy voice of the feeble old bellman, heard at intervals as he went his rounds, and the occasional flicker of his horn-lantern on the unpaved streets, the old towns would lie asleep in dreary darkness and unbroken silence. When we glance at the past, then turn to the England of the present day, and think seriously of the changes which have taken place, even within the last half-century only, they are a thousand times more marvellous than the fabulous wonders wrought by the magicians in the story-books we perused in our boyish days.

My description of "Rural Sports" having infringed somewhat largely on the space I have generally dedicated to Natural History, I will, by way of change, endeavour to give some account of the habits of Newts and Lizards, a class of reptiles which are but little known, though so common in England. Water-newts are called by the country-people efts; and are generally supposed to be venomous—a most absurd notion; for a more inoffensive reptile does not live than the newt. He is an excellent and an elegant swimmer, and can steer himself in any direction he pleases to go by the aid of his rudder-like tail; he also turns back his legs to propel himself forward, as a swimmer does when he throws back the water, after having struck out with his hands. He can also walk as well under water as on land; nor is there anything ungainly in his motion. They lay their eggs in the leaf of some water-plant, which they afterwards fold together with their hinder feet, and fasten as securely as if it were glued; the young ones are able to swim the moment they quit the egg. Newts do not always confine themselves to water, but run and play upon the ground in moist damp places, and climb about the aquatic plants. Their principal food is water-insects and worms, though they are not all particular about devouring one another, especially the large water-newt, who is rather partial to making a meal off the smooth or common newt.

The common lizard is a beautiful little reptile, often most exquisitely marked with green, brown, white, and yellow spots; the white sometimes springing from the centre of large black spots which run the whole length of the back and sides. It is commonly found on banks which lie open to the sun, on the edges of heaths and commons, or by the sides of woods. The belly of the lizard bears no bad resemblance to chain armour, while the throat looks like the scales of a gorget of mail. So rapid is the turn of the head of the lizard when it seizes an insect, that it is almost impossible for the human eye to detect the motion, so suddenly is the prey seized and swallowed. Its speed along a footpath is so rapid, that, had it a bulk in proportion to its powers of flight, it would be able to run ten miles in less time than the swiftest race-horse that ever lived went over a mile of ground. Lizards have been rendered so tame as to eat out of the hand, though generally they attempt to bite the finger. The blood of the lizard, like that of all reptiles, is cold; nor does it show any sign of life, or require any nourishment during the long months of Winter, but remains in a state of torpor, immovable as a stone, until the return of Spring.

I must not conclude my description of the present month, without directing the attention of my readers to the beautiful Engraving at the head of it, which is so faithful a picture of a dull, melancholy November day, that we almost feel "the low sky raining" while we look at it. We pity the passengers outside the coach, for we know that they are wet through, and feel thankful that they are so near the end of their miserable journey. How the water pours down the road that crosses the bridge, we not only see by the torrent in the ruts, but also by the reflection of the coach-wheels—a masterly touch, which only your true-born Artist would have thought of. To look over those gloomy arches into the river on such a day gives a man the horrors; there is a cold clamminess about the stones of the parapet, and a deep smoky fog upon the water, which you seem to feel while leaning over and looking at it, as if it were slowly searching through your garments, while an hundred old colds and coughs were trying to penetrate you, and find within a shelter.

Humid evening, gliding o'er the sky,  
In her chill progress, to the ground condensed  
The vapour thaws. Where creeping waters ooze,  
Where marshes stagnate, and where rivers wind,  
Cluster the rolling fogs, and swim along  
The dusky-mantled lawn.

THOMSON'S Seasons.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## NOVEMBER.

THE SUN is situated south of the Equator, and is moving south. He passes, on the 22nd day, at 8h. 42m. P.M., from the sign Scorpio to the sign Sagittarius, having been in the former sign 29 days, 20 hours, 37 minutes. On the first day his distance from the Earth is 94,228,000 miles. He rises and sets on the 1st at E.S.E. and W.S.W., and on the 27th, at the S.E. by E. and S.W. by W. points of the horizon.

The MOON is in the constellation Capricornus till the 2nd; on which day she enters into Aquarius, on the 3rd Pisces, on the 7th Cetus, on the 8th Aries, on the 9th Taurus, on the 12th Orion and Gemini, on the 14th Cancer, on the 15th Leo, on the 18th Virgo, on the 21st Libra, on the 23rd Scorpio and Ophiuchus, on the 25th Sagittarius, on the 27th Capricornus, and on the 29th she enters Aquarius.

She is above the horizon when the Sun is below, during the morning hours, from the 6th to the 27th; the evening hours from the 1st to the 20th, and after the 26th.

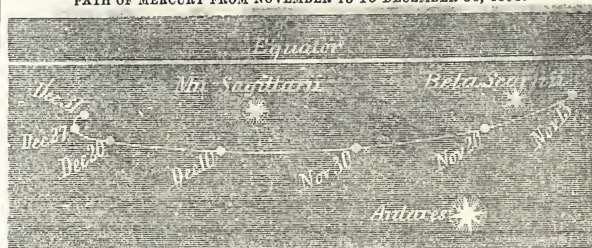
She is situated south of the Equator till the 6th; is at her extreme north declination on the 13th; is on the Equator on the 19th; and at her extreme south declination on the 26th; after which she moves northward.

She is near Saturn and Uranus on the 7th; Mars on the 15th; Jupiter on the 21st; Mercury on the 23rd; and Venus on the 24th.

MERCURY is in the constellation Libra till the 16th; in Scorpio from the 17th to the 20th; and in Ophiuchus from the 21st.

He rises before the Sun till the 7th, and he sets after him from the 8th; but the times of rising and setting throughout the month are all within half an hour of the times of the Sun rising and setting, and he is therefore not favourably situated for observation. He rises on the 3rd, at the E.S.E.; and he sets on the 17th, at the S.W. by W. point of the horizon. He is moving eastward among the stars throughout the month; is near Jupiter on the 1st; in Apellion on the 15th; and near the Moon on the 23rd. His path among the stars, from the 13th, is shewn in the annexed diagram. He is near Jupiter on the 1st.

PATH OF MERCURY FROM NOVEMBER 13 TO DECEMBER 31, 1851.

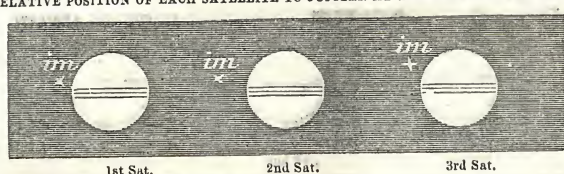


Scale, 24 degrees to one inch.

VENUS is in the constellation Libra till the 11th; in Scorpio on the 12th, 13th, and 14th; and Ophiuchus from the 15th till the end of the month. She sets on the 1st, at 4h. 55m. P.M.; and on the last day, at 4h. 44m.; and she is not favourably situated for observation. She sets near the W.S.W. at the beginning, at the S.W. by W. on the 14th, and midway between this point and S.W. at the end of the month. She is moving eastward among the stars, and is near the Moon on the 24th. Her path among the stars is shewn in the diagram in next month.

MARS is in the constellation Cancer throughout the month. He is visible during the greater part of the night. He rises on the 2nd, at 9h. 43m. P.M., and on

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION.



1st Sat.

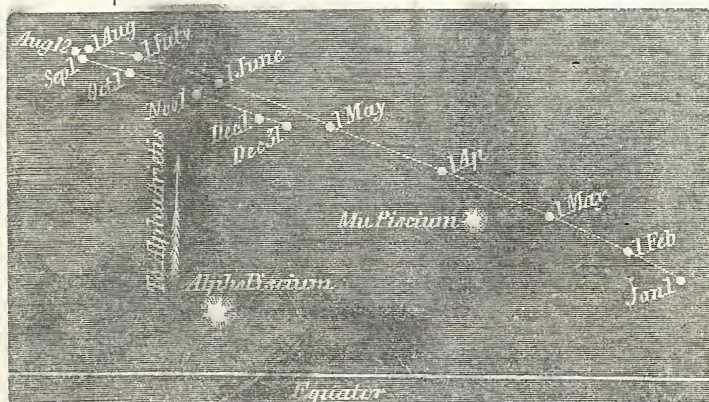
2nd Sat.

3rd Sat.

the 26th, at 8h. 48m. P.M., near the N.E. by N. point of the horizon. He is moving slowly eastward among the stars, and is near the Moon on the 15th. He souths at an altitude of 58½°, at about the middle of the month.

JUPITER is in the constellation Virgo till the 4th; and in Libra from the 5th to the end of the month. He rises some little time before the Sun on the 1st, at 6h. 28m. A.M.; and on the 26th, at 5h. 18m. A.M., near the E.S.E. point of the

PATH OF SATURN DURING THE YEAR 1851.



Scale, 6 degrees to one inch.

horizon. He moves slowly eastward among the stars, and is near the Moon on the 21st. His path among the stars is shewn in the month of June; he is near Mercury on the 1st.

SATURN is in the constellation Cetus throughout the month. He is visible throughout the night, and sets on the 1st at 6h. 4m. A.M., and on the 26th at 4h. 16m. A.M., near the W. by N. point of the horizon. He souths at an altitude of 47° on the 15th. He moves slowly westward among the stars, and is near the Moon on the 7th. His path among the stars during the year is shewn in the above diagram.

URANUS is in the constellation Aries throughout the month. He rises on the 1st at 4h. 10m. P.M., and sets at 6h. 18m. A.M.; and on the last day he sets at 4h. 21m. A.M. He souths on the 1st, at 11h. 18m. P.M.; and on the 30th, at 9h. 20m. P.M.

NEPTUNE sets on the 1st at 1h. 7m. A.M., and on the 15th at 0h. 12m. A.M.

## OCTOBER.

(Continued from page 43.)

SATURN is in the constellation Aries till the 21st, and in Cetus on the 22nd. He is visible throughout the night; rises on the 3rd, at 6h. 21m. P.M., and on the 27th, at 4h. 44m. P.M., near the W. by north point of the horizon; and souths at an altitude of 48° on the 15th. His path among the stars is shewn in the diagram inserted above.

URANUS is in the constellation Aries throughout the month. He rises on the 15th, at 5h. 22m. P.M., and souths at 0h. 32m. A.M.

NEPTUNE rises before sun-set; and sets on the 1st, at 3h. 12m. A.M., and on the 15th, at 2h. 15m. A.M.

## DECEMBER.

(Continued from page 51.)

URANUS is in the constellation Aries throughout the month. He sets on the 1st at 4h. 17m. A.M., and on the last day at 2h. 17m. A.M. He souths on the 1st at 9h. 16m. P.M., and on the 31st at 7h. 16m. P.M.

NEPTUNE sets on the 1st at 11h. 8m. P.M., and on the 15th at 10h. 14m. P.M. He is visible till early in the morning, and sets at 3h. 50m. A.M. on the 2nd, and at 1h. 52m. on the last day, near the W. by N. point of the horizon, and souths at an altitude of 46½°. His motion among the stars is slowly westward; and he is near the Moon on the 4th and on the 31st.

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.					
	Mercury.		Venus.		Mars.	
	Morning.	Afternoon.	Morning.	Afternoon.	Morning.	Afternoon.
1	H. M. 11 29	H. M. 0 17	H. M. 5 46	H. M. 11 30	H. M. 11 14	H. M. 7 54
6	11 41	0 22	5 34	11 14	10 53	7 34
11	11 52	0 28	5 22	10 59	10 32	7 14
16	Aftern. 0 35	5 9	10 43	10 11	6 55	
21	0 17	0 42	4 56	10 28	9 50	6 35
26	0 31	0 49	4 41	10 12	9 29	6 15
30	0 42	0 55	4 29	10 0	9 12	6 0

JUPITER'S SATELLITES.			
Are not visible, Jupiter being too near the Sun.			

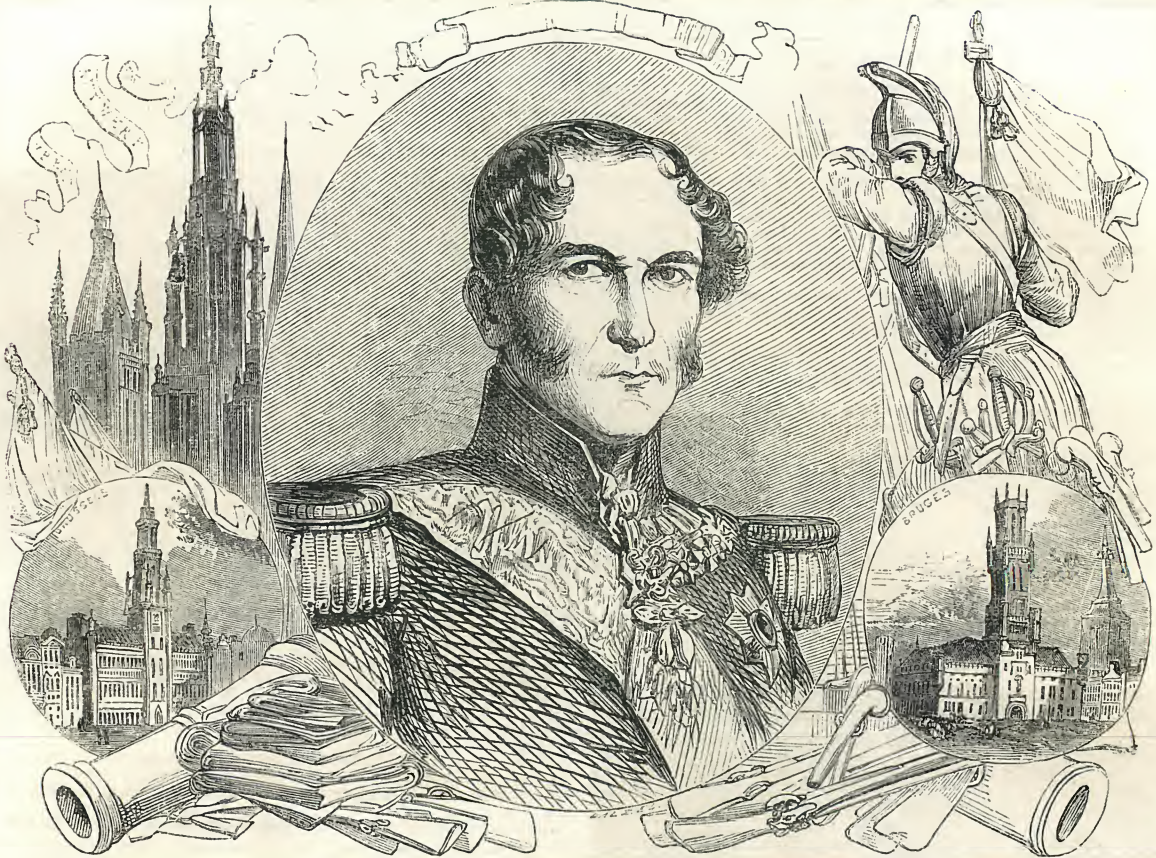
OCCULTATIONS OF STARS BY THE MOON.				
Names of the Stars.	Magni- tude.	Times of disappearance & re-appearance of the Star.	At which limb of the Moon.	Between what Latitudes visible.
Psi 3 Aquarii	5	D. H. M. 3 10 13 P.M.	Dark	50° N. & 70° N.
B.A.C. 1463	6	3 11 27 P.M.	Bright	The Equ.
		10 9 4 P.M.	Bright	to 71° N.
		10 9 21 P.M.	Dark	8° N. & 85° N.
		10 11 16 P.M.	Bright	
i Tauri	4½	11 0 31 A.M.	Dark	

TIMES OF CHANGES OF THE MOON, (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.

	Days of the Month.	Right Ascension.	Declination South.
FULL MOON ..	8d. 11h. 21m. P.M.	1 14h. 10m	12° 18'
LAST QUARTER 16	9 22 A.M.	6 14 41	15 26
NEW MOON 23	2 6 A.M.	11 15 12	18 15
FIRST QUARTER 30	3 27 P.M.	16 15 44	20 42
APOGEE ..	4 7 A.M.	21 16 17	22 43
PERIGEE ..	20 9 A.M.	26 16 50	24 16

RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.											
MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.		URANUS.	
Right Ascension.	Declination South.	Right Ascension.	Declination South.	Right Ascension.	Declination North.	Right Ascension.	Declination South.	Right Ascension.	Declination North.	Right Ascension.	Declination North.
1 14h. 10m	12° 18'	6 14 41	15 26	11 15 12	18 15	16 15 44	20 42	21 16 17	22 43	26 16 50	24 16
6 14 41	15 26	11 15 12	18 15	16 15 44	20 42	21 16 17	22 43	26 16 50	24 16		
11 15 12	18 15	16 15 44	20 42	21 16 17	22 43	26 16 50	24 16				
16 15 44	20 42	21 16 17	22 43	26 16 50	24 16						
21 16 17	22 43	26 16 50	24 16								
26 16 50	24 16										

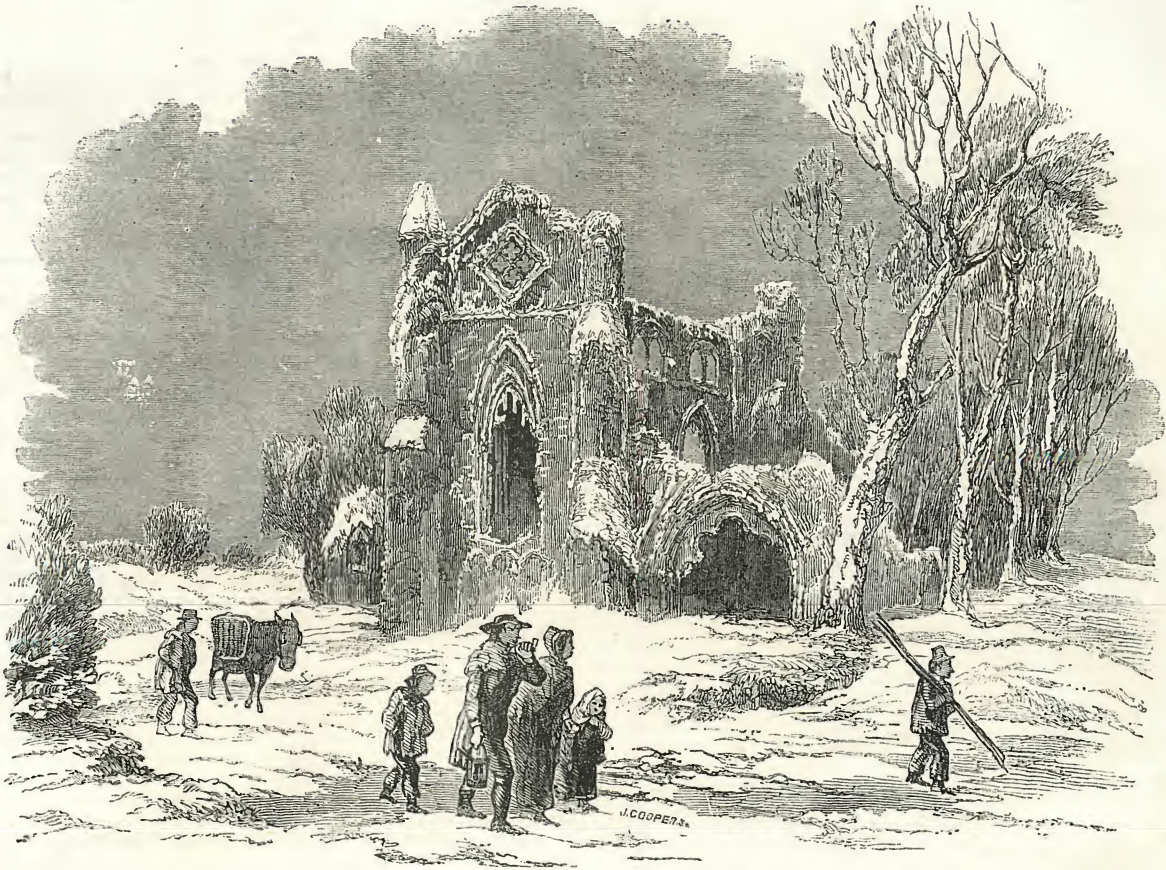




LEOPOLD GEORGE FREDERICK, KING OF BELGIUM, BORN DECEMBER 10, 1790; ASCENDED THE THRONE JULY 21, 1831.

M D	W D	ANNIVERSARIES, OC- CURRENCES, FES- TIVALS, &c.	SUN.				MOON.				DURATION OF MOONLIGHT.				HIGH WATER		Day of the Year.	
			Rises.	SOUTH.		Sets.	Rises.	SOUTH.		Sets.	Before Sunset.		Moon's Age.	After Sunset.		AT LONDON BRIDGE.		
				Before 12 o'clock.	Height above horizon.			Afternoon	Afternoon		Height above horizon.	Morning.		O'Clock. 2h. 4h. 6h.	O'Clock. 6h. 8h. 10h.	Morning.		Afternoon
			H. M.	M. S.	Deg.	H. M.	H. M.	H. M.	Deg.	H. M.					H. M.	H. M.		
1	M	Fomalhaut souths 6h 9m P.M.	7 46	10 52	16 $\frac{3}{4}$	3 52	1 33	6 56	30		Morning.			8	7 45	8 20	335	
2	Tu	Bonaparte. cr. 1804	7 47	10 29	16 $\frac{3}{4}$	3 52	1 51	7 37	34 $\frac{3}{4}$		0 30			9	8 55	9 30	336	
3	W	Length of day 8h 3m	7 48	10 6	16 $\frac{1}{2}$	3 51	2 9	8 19	39 $\frac{1}{4}$		1 34			10	10 5	10 40	337	
4	Th	Alpha Arietis souths 9h 6m P.M.	7 49	9 42	16 $\frac{1}{2}$	3 51	2 28	9 14	44		2 41			11	11 10	11 40	338	
5	F	Day breaks 5h 47m	7 51	9 18	16 $\frac{1}{2}$	3 51	2 46	9 44	48 $\frac{3}{4}$		3 47			12	No Tide.	0 5	339	
6	S	Nicholas	7 52	8 53	16	3 51	3 9	10 31	52 $\frac{1}{4}$		4 55			13	0 25	0 45	340	
7	S	2d S. in ADVENT	7 53	8 27	16	3 50	3 36	11 20	56 $\frac{1}{4}$		6 6			14	1 2	1 20	341	
8	M	Conception of the Blessed Virgin Mary	7 55	8 1	15 $\frac{3}{4}$	3 50	4 8	Morning.	58 $\frac{1}{4}$		7 16			15	1 40	2 0	342	
9	Tu	Milton b., 1608	7 56	7 35	15 $\frac{3}{4}$	3 50	4 52	0 12			8 24			16	2 20	2 35	343	
10	W	Length of night 16h 3m.	7 57	7 8	15 $\frac{1}{2}$	3 49	5 42	1 7	60 $\frac{1}{4}$		9 26			17	2 55	3 15	344	
11	Th	Grouse sh. ends	7 58	6 40	15 $\frac{1}{2}$	3 49	6 47	2 4	60 $\frac{1}{4}$		10 32			18	3 30	3 50	345	
12	F	Aldebaran souths 11h 3m P.M.	7 59	6 12	15 $\frac{1}{2}$	3 49	7 59	3 15	59		11 7			19	4 10	4 35	346	
13	S	Lucy	8 0	5 44	15 $\frac{1}{2}$	3 49	9 15	3 57	56 $\frac{1}{4}$		11 43			20	4 55	5 15	347	
14	S	3d S. in ADVENT	8 0	5 16	15 $\frac{1}{2}$	3 49	10 36	4 51	52 $\frac{1}{4}$		Afternoon			21	5 40	6 10	348	
15	M	[O Sapientia]	8 1	4 47	15 $\frac{1}{2}$	3 49	11 54	5 44	47 $\frac{1}{4}$		0 38			22	6 35	7 5	349	
16	Tu	Cam. Term ends	8 2	4 18	15 $\frac{1}{2}$	3 49	Morning.	6 34	42 $\frac{1}{4}$		1 0			23	7 35	8 10	350	
17	W	Ember Week. Ox.	8 3	3 48	15 $\frac{1}{2}$	3 49	1 14	7 25	36 $\frac{1}{4}$		1 23			24	8 50	9 25	351	
18	Th	[Term ends]	8 4	3 19	15	3 50	2 33	8 15	31		1 44			25	10 0	10 35	352	
19	F	Length of day 7h 45m	8 5	2 49	15	3 50	3 53	9 7	26		2 9			26	11 10	11 40	353	
20	S	[St. Thomas]	8 5	2 19	15	3 51	5 14	10 0	21 $\frac{1}{4}$		2 37			27	No Tide.	0 10	354	
21	S	4TH S. in ADVENT	8 6	1 49	15	3 51	6 32	10 55	18 $\frac{1}{4}$		3 11			28	0 35	1 0	355	
22	M	Shortest d. this yr	8 6	1 19	15	3 51	7 42	11 50	16		3 54			29	1 25	1 50	356	
23	Tu	Length of day 7h 45m	8 6	0 49	15	3 51	8 45	Afternoon	14 $\frac{1}{4}$		4 47			1	2 10	2 35	357	
24	W	Christmas Eve	8 7	0 19	15	3 52	9 37	1 41	16		5 49			2	2 55	3 20	358	
25	Th	CHRISTMAS DAY	8 7	After 12 o'clock.	15	3 53	10 16	2 32	17		6 54			3	3 40	4 0	359	
26	F	St. Stephen	8 7	0 41	15 $\frac{1}{4}$	3 53	10 49	3 21	20 $\frac{1}{4}$		8 0			4	4 20	4 40	360	
27	S	St. John	8 8	1 11	15 $\frac{1}{2}$	3 54	11 15	4 7	24		9 7			5	4 55	5 15	361	
28	S	1st S. aft. CHRIST	8 8	1 41	15 $\frac{1}{2}$	3 55	11 38	4 51	28 $\frac{1}{4}$		10 14			6	5 35	5 55	362	
29	M	[Innocents]	8 9	2 10	15 $\frac{1}{2}$	3 56	11 57	5 33	32 $\frac{1}{4}$		11 21			7	6 15	6 40	363	
30	Tu	Rigel souths 10h 32m P.M.	8 9	2 39	15 $\frac{1}{2}$	3 57	Afternoon	6 14	37 $\frac{1}{4}$		Morning.			8	7 0	7 25	364	
31	W	St. Silvester	8 9	3 8	15 $\frac{1}{2}$	3 58	0 33	6 55	42		0 25			9	7 50	8 20	365	





Oh, Winter ! ruler of th' inverted year,  
Thy scatter'd hair with sleet-like ashes fill'd,  
Thy breath congealed upon thy lips, thy cheeks  
Fringed with a beard made white with other snows  
Than those of age ; thy forehead wrapt in clouds ;  
A leafless branch thy sceptre ; and thy throne  
A sliding car indebted to no wheels,  
But urged by storms along its slippery way.—COWPER.

DECEMBER brings the shortest day ; the lessening daylight has now reached "the utmost limit of its narrow sail ;" the longest night has had its reign ; for that mighty Power which gave to the ever-moving ocean its boundaries, said also to Darkness, "Hitherto shalt thou come, but no further." What solemn poetry our Artist has thrown around the picture of Winter which heads the present month, by throwing the ruins which Time has made into his wild waste of December snow, a roofless and venerable pile that no longer affords shelter, but makes the loneliness of the landscape, at such a season, appear more lonely. We look upon it, and exclaim—

Pause here awhile ! and on these ruins look,  
Worn with the footsteps of forgotten years ;  
Peruse this page in Time's black letter'd book ;  
Gaze long, and read how he his trophies rears !  
See how each shatter'd shrine and sculptured nook  
The dinted impress of his footmark bears.  
Who was it rear'd this crumbling pile of stone ?  
Ask Time ! he only knows who now reigns here alone.

Gaze on that window now ! 'tis shorn of all  
Its saintly forms, and gaudy colourings ;  
The sky-dyed tunic, and the purple pall,  
The glowing gold that form'd the vests of kings,  
No longer flash at sunset on the wall ;  
Gone are the chequer'd angel's rainbow'd wings.  
The Winter wind alone blows bleakly there,  
And on the graven stones masses of snow appear.

Snow in the streets of a city cannot be endured ; it has scarcely fallen before it wears an old, grey, dirty look on the pavement ; it is mingled with the mire trod by ten thousand footsteps ; it is swept into the middle of the road by the shopkeeper, then wheels roll over it, and it is trampled beneath the hoofs of horses, and you can scarcely bear to look out of the window at the "slushy" and filthy streets until the dirty mass is swept

up and carted away. In the country it lies like a "wintry veil" upon the face of the landscape ; the banks appear in the distance like barriers of white marble ; the hills, like ranges of silver clouds : and when the sun shines you can scarcely discern the rim of the horizon, so beautifully are the snowy summits of the hills and the fleecy edges of the clouds blended together—harmonising, like the lips of a sleeping maiden with the rose-leaf which blew from the bush and settled upon them while she slumbered.

Winter nips the fingers of the woodman until he can scarcely bend them round the handle of his axe, so stiff and benumbed do the joints become. During the keen frost the ditcher tries in vain to force his spade into the ground, for the earth rings like iron, and gives back a "strange alien sound" at every stroke. In one night the gardener sees his winter-greens shrivelled up as if they had been scorched by fire, his "potatoe pie" is frozen, and icicles hang beneath the glasses that shelter his tenderest plants. Spring is asleep deep down beneath the cold.

But of all the scenes which I have so often described as belonging to this season of the year, the wildest I ever witnessed was the breaking of the ice after a long frost in a large navigable river, a word-picture I have painted as follows in my "Winter :"—"First there came a gentle thaw ; then the tide or heyre began its silent work beneath the ice, gradually lifting it higher, hour after hour, as the body of water arose underneath, unperceived save by the loud cracking it occasionally made. In the still night you heard that crackling sound run across the river, and often during the day after the tide had subsided ; and sometimes where the long fissure ran along, the edge of the ice was slightly raised, so much so as to impede the progress of the skater : then sounds were heard like sudden gun-shots in rapid succession ; water here and there welled through the crevices of the ice ; though the large green black mass, save for these outlets and slight elevations, for miles away lay hard, thick, and unbroken. Men stood together conversing in low voices ; in little groups by the river-side, sailors devising the best measures to save their ships when the ice broke up and the great crash came ; wharfingers examining the piers which supported their wharves, and wondering whether or not they would stand the tremendous shock



which they would soon have to contend against: captains and owners arguing whether it would be better to let their vessels drift a little way with the mass, or moor them firmly and trust to the strength of their stoutest hawser. Some contended that there would be time enough left to decide on such matters when the ice began to move, others that there was not a single hour to lose. The reckless said that it would be two or three days before the ice broke up; the timid, that it would be on the morrow; the cautious, that the ships ought not to be 1 ft without a watch for a moment. Some said that the ice had lain so long, it was rotten and would be torn up and swept away by the next tide; others argued that, as it was so thick, it would be the work of many tides to split it asunder: a few experienced old seamen said that if the night-tide ran up strong, the whole mass would be shivered before morning. A gloom seemed to hang over the little town, and many, from motives of curiosity, and a love to see the wild work of Winter, went not to bed that night. I remained up amongst the number.

"Midnight came, and with it the tide. The moon threw a dim woolly kind of light over the river. We listened, and heard the ice breaking up miles away, as the wind and tide came growling and roaring along. Nearer and nearer drew the sound, like approaching thunder. The sailors who had gone to sleep on shore were now aroused to hurry aboard and take charge of their vessels. Between each thunder-like crash of the ice, we heard the cry of human voices from the men on board the ships, which were already tossing as if an earthquake heaved beneath them. Further down the river, signal-lights were hoisted amid the rigging—torches blazed and moved along the shore. Several of the sailors had not yet reached their ships, when one long, loud, continuous crash was heard, which told that the tide had already reached the town-side, and was now shivering up the river like glass. That sound was not like thunder—unlike the quick firing of cannon—but as if the earth had split asunder, and went on opening and shutting amid the fall of thousands of buildings, and the hissing, and surging, and boiling of the troubled waters, which it swallowed up with the ruins, while the rending thunder rived along its desolating course. So did the sheets of ice crash and grind together as they were tossed upon and over-rode each other; so were the ships torn from their moorings, and borne along by the overwhelming tide and the masses of ice which broke by and impelled them onward: water, and ice, and shipping whirled away to where the massy stone bridge threw the shadow of its arches over the wild turmoil, and there the mass was locked together—ships, boats, sheets of thick ice too big to pass through the dark arches, while the foundations of the bridge shook beneath the deafening roar."

Although woodcock and snipe-shooting commenced above a month ago, it still affords amusement to the sportsman, and will do throughout the whole Winter. Woodcocks generally come over in the night, and on their arrival are very lean; this, no doubt, is caused through their not having alighted anywhere to feed while on their journey. As we have stated in a former work, they bring no luggage with them when they return from their long sea voyage, but put up at the first road-side inn they reach, and which is generally a hedge, or ditch, or some waste, covered with furze; and without awakening either boots, ostler, chambermaid, or innkeeper, they take up their quarters for the night. Sometimes they remain a day or two before proceeding further into the country, for they have neither had steam, nor sail, nor plank to assist them in crossing the stormy ocean; nothing but their poor little wings to beat up against the wind, and dash aside the sea-spray—that is, if it ever reached so high an altitude as that through which they flew: and they have encountered all these perils, and come all that distance only to enjoy a banquet of worms.

They leave the woods in the evening to feed, and at such times may be heard making a shrilly noise, which resembles the sound made by the snipe. Aided by their keen sight, delicate touch, and probably fine scent, they are enabled to find their food in the dark, and to pick up the smallest worm in such black benighted places, that we should need the light of a strong "bull's-eye lantern" to be able to see it at all. "The woodcock," says Colonel Montague, in his "Ornithological Dictionary," "is naturally a shy and retiring bird, rarely taking wing by day, unless disturbed; but just at the close of day all, as if by common consent, quit the wood nearly at the same instant, and wander over the meadows in search of splashy places and moist ditches for food, retiring to their hiding-places again at the dawn of morning. Thus, when most other land-birds are recruiting exhausted nature by sleep, these are rambling through the dark, directed by an exquisite sense of smelling (?) to those places most likely to produce their natural sustenance; and, by a still more exquisite sense of feeling in their long bill, collecting it. Their eye is not called into use; and, like the mole, they may be said to feed beneath the surface; and, by the sensibility of the instrument which is thrust into the soft earth, not a worm can escape that is within reach. The eyes of the woodcock are large in proportion to their general bulk of body, and, like those of some other nocturnal birds, are particularly formed for collecting the faint rays of light in the darkened vales and sequestered woodlands during their nocturnal excursions; thus, also, they are enabled to avoid trees and other obstacles which continually occur."

According as the weather changes, so will the woodcock shift his quarters, sometimes to the opposite side of the wood; or, if a sheltering hill intervene, he will cross it, and in some warmer solitude wait until the wind changes, then return to his old feeding-ground. He does not like cold, neither will he expose himself to it, if there is shelter to be found in the neighbourhood. We have heard a gentleman boast that he could always tell where a woodcock could be found by the marks of the dead leaves, in searching for worms beneath them; he says, the bird throws the leaves aside with its bill, alternately right and left but never two leaves together on the same side. He is a close observer, and the

above fact may be relied upon. There is an outcry that woodcocks are becoming scarcer every season, and this, we think, can be accounted for by the extensive march of cultivation, and the great network of railways, which intersect England in every way, cleaving through woods, cutting between hills, and running over heaths and waste lands, and breaking up the silence where the birds formerly sheltered. We know nothing so likely to scare birds from their haunts as the thunder of a railway train, and the shrill screaming of the whistle.

As the woodcock is so seldom on the wing in the daytime, the sportsman is compelled to hunt for him, in his own shadowy and solitary haunts. Even when found in the thickets of a wood, and flushed, unless there is some opening near at hand, it is difficult to hit him. When flushed, the woodcock generally flies straight ahead, and goes blundering between the close and twisted branches, as if he did not care a straw what he ran against, so long as he escaped. Some sportsmen argue that this is the best time to aim at him, and that he is easier to hit than when he rises perpendicularly; and goes twisting and turning above the trees, when to aim at him would be like trying to hit a shooting star. Blaine (we think jokingly) recommends novices to go over to Ireland for a few weeks, and to try woodcock-shooting in the alder hedgerows, before they venture at it here, if they are anyways flurried. In an extensive wood it is necessary to have both beaters and markers: these, it appears, one gentleman kept clothed in leather suits from head to heel—the material so thick that the shot he used could not pass through it; so that, if he hit his man instead of his bird, he did him no harm. Cocking spaniels, when well broken, are generally considered the best dogs for woodcock-shooting.

He who is afraid of getting wet, or has a dread of cold hands and feet, must never hope to become a thorough good snipe-shooter; for the familiar haunts of this bird are the reedy and sluicy marsh, and the low, damp, meadow lands, fringed with pollard-willows, where a man of a delicate constitution is more likely to catch the ague than anything else. Onward the downright sportsman must plunge, if he hopes to start his birds, up to the knees in mud or mire; and he may thank his stars if at the next step he is not up to his neck, imitating the boom of the bittern as he sputters back the oozy mixture with his lips. Neither must he wait for a fine calm day; but when it blows "great guns," sally out, for then the snipe lie well, and the best sport is to be found. A snipe, when it first rises, is more difficult to hit than a woodcock—giving so many twists and turns; that for the life of you you cannot tell what direction it will take for a second or two, except that it is sure to fly against the wind. The best plan is to wait a bit, until he has made up his mind what course to steer, and has become a little steady in his movements: that is the time to take a steady aim at him. A cross shot is preferable, when it can be had. The author of the "Oakleigh Code" says: "The shooter will bring down a snipe with much less difficulty at from fifteen to twenty paces than at any other distance. The aim is thus taken just before the bird begins to make its cross-flight, but before it has attained its full speed. The irregularity of its flight is of little consequence during the first and second twisting, before the bird is safely on the wing, since its flight is then comparatively tardy. But let the snipe fly ten yards from whence it sprang—let it be, for instance, twenty-five paces distant from the gun; it is then at the top of its speed, and in the very midst of its sidelong, elliptical gyrations, and more than a match for the majority of shooters."

In snipe-shooting the ground ought to be gone over twice or thrice during the day, so apt is the bird to return to the spot from whence he first started. We knew an old sportsman in Lincolnshire, who always went over the same ground at least twice in the same day, and few shot more birds than he did. When he chose his own day, he often brought home ten or twelve brace. He never went out without his favourite retriever (the only dog he took), to save himself from getting a wet jacket, as the birds, when shot, often fell into the deep and wide water-courses with which these extensive marshes abound.

Reader! we have again, for the third time, journeyed with thee through the twelve months of the year, and now turn to bid thee farewell on the threshold, ere we enter and close the door. This year we have carried thee over new ground, and made thee acquainted with many of our English Sports. We have shown thee how the poor hare is coursed in January, and what shifts she has recourse to, to escape from her pursuers. In February, we have borne thee company to the wild meres and marshes of England, where the bulrush nods, and the bittern booms, and the wild-fowl shooter lies in wait for his prey. In March, April, and May, we have shown thee how rabbits are shot, fish caught with the fly, and young rooks brought down, before they are buried snugly under tempting crusts, and made into savoury pies. In June, we have opened the doors of the past, and shown thee the sports of another age, before the murderous gun was heard, and when bird was taught to prey on bird, and crowned Kings eagerly pursued the noble sport of Hawking. Racing, Cricketing, Shooting, and Fox-hunting fill a large portion of the following months, and we have pictured them all as they exist in the present day. In November, we have again looked backward at the past, and endeavoured to bring before thine eye one of those noble stag-hunts which, in former years, so often awoke the echoes of our old English forests. By these changes we have brought forward something new for every month, not only from our own knowledge, but enriching our descriptions with occasional extracts from authors better acquainted with the subjects than ourselves, and to whom we hope we have, in every instance, given "honour due" and faithful acknowledgment. And now, with many thanks for the hours thou hast borne us company, we once more, Reader, bid thee farewell.

THOMAS MILLER.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## DECEMBER.

THE SUN is situated south of the Equator, and on the 22nd day attains his extreme south position. From the 23rd he is moving northward. He passes from the sign Sagittarius to Capricornus, completing the tropical year, on the 22nd day, at 8h. 42m. P.M., having been in the former sign 29 days, 12 hours, and 47 minutes. On the 1st day he is 93,636,000 miles from the Earth; and this distance decreases to 93,406,000 miles by the 31st, and is the least distance during the year. He rises at the beginning at 2°, and about the 20th at 5°, S. of the S.E. by E.

The MOON is in the constellation Pisces on the 1st; on the 4th she enters Cetus; on the 5th Aries; on the 6th Taurus; on the 9th Orion and Gemini; on the 11th Cancer; on the 12th Leo; on the 15th Virgo; on the 18th Libra; on the 20th Scorpio and Ophiuchus; on the 22nd Sagittarius; on the 24th Capricornus; on the 26th Aquarius; on the 28th Pisces; and on the 31st into Cetus.

She is above the horizon when the Sun is below, during the morning hours, from the 5th to the 25th; the evening hours, from the 1st to the 18th, and after the 25th.

She is on the Equator on the 3rd; is at her extreme north declination on the 10th; is on the Equator again on the 17th; at her extreme south declination on the 23rd; and on the Equator on the 30th.

planets to Mu Sagittarii is almost the same, and therefore those two planets are nearly together on this day, and they continue moving almost together till the 20th day.

VENUS is in the constellation Ophiuchus till the 4th; and in Sagittarius from the 5th to the 27th; and in Capricornus from the 28th to the end of the month.

She is an evening star; and sets, on the 1st, at 4h. 45m.; and on the last day, at 5h. 48m., nearly midway between S.W. by W. and S.W. at the beginning, and at the S.W. by W. at the end of the month. She is moving eastward among the stars, and is near the Moon on the 24th. She is in Aphelion on the 16th.

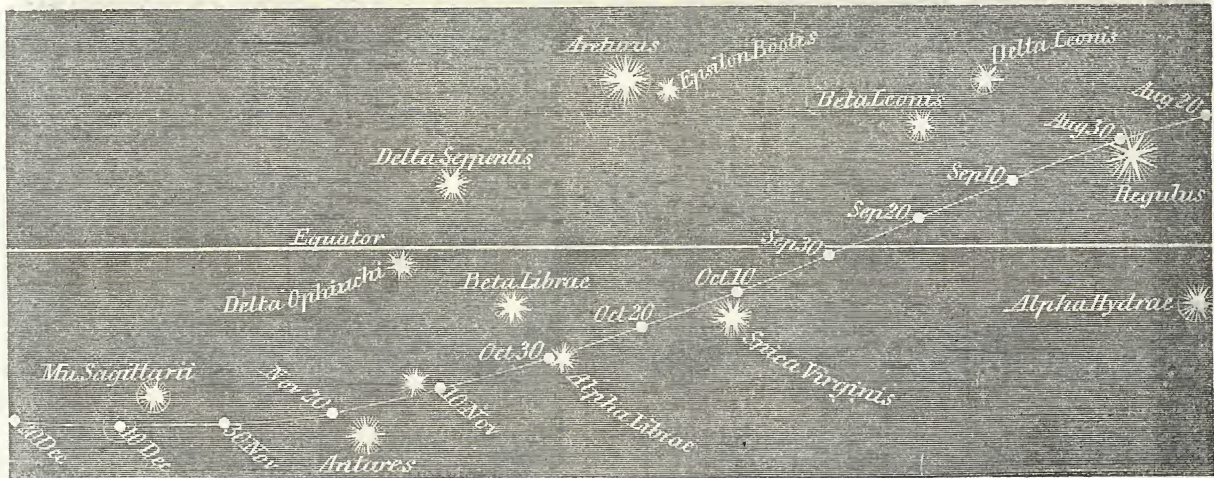
Her path among the stars till the 20th is shown in the annexed diagram. On December 12 she is near Mercury, and continues near till the 20th.

MARS is in the constellation Cancer throughout the month. He is visible during the night, and rises on the 2nd at 8h. 29m. P.M.; and on the 31st at 6h. 24m. P.M., near the N.E. by N. point of the horizon. He is almost stationary among the stars during this month, and is near the Moon on the 12th. He souths at an altitude of 58½° at about the middle of the month. For his path among the stars, see the diagram inserted in the month of September.

JUPITER is in the constellation Libra throughout the month.

He is a morning star; and rises on the 1st at 5h. 4m. A.M., and on the last day at 3h. 38m. A.M., near the E.S.E. point of the horizon. He moves slowly east-

PATH OF VENUS FROM AUGUST 20 TO DECEMBER 20, 1851.



Scale, 24 degrees to one inch.

She is near Saturn and Uranus on the 4th; Mars on the 12th; Jupiter on the 19th; Mercury and Venus on the 24th; Saturn and Uranus on the 31st.

MERCURY is in the constellation Ophiuchus till the 5th; and in Sagittarius from the 6th.

He rises and sets after the Sun throughout the month; he is therefore an evening star: he sets, on the 1st, at 4h. 23m. P.M., being 32m. after the Sun; on the 11th, at 4h. 43m., being 59 minutes after the Sun; at 4h. 57m. on the 14th; at 5h. 6m. on the 17th, being 1h. 17m. after the Sun; at 5h. 21m. on the 23rd, being 1½ hour after the Sun; and at 5h. 7m. on the last day, being 1h. 9m. after the Sun. He is therefore favourably situated for observation from the 11th to the end of the month, and may be seen by the naked eye some little time after sunset. He sets till the 20th midway between the S.W. by W. and the S.W., and on the 29th at the S.W. by N. point of the horizon. He is moving eastward among the stars till the 26th; is stationary on the 28th; and begins to move eastward on the 30th; is near Venus on the 13th and 20th, and the Moon on the 24th; and is at his greatest eastern elongation on the 20th. His path among the stars during this month is shown in the diagram inserted in last month; and by reference to his position on December 12 with that of Venus on the same day, as shown in the above diagram, it will be seen that the relative position of both

ward among the stars, and is near the moon on the 19th. For his path among the stars, see the diagram inserted in the month of June.

JUPITER'S SATELLITES.—A few eclipses are visible. The relative position of the Satellite to Jupiter at the time of its eclipse, as viewed through an inverting telescope, is shown in the next diagram.

RELATIVE POSITION OF EACH SATELLITE TO JUPITER AT THE TIME OF IMMERSION OR EMERSION.



SATURN is in the constellation Cetus throughout the month.

(Continued on page 47.)

Days of the Month.	TIMES OF THE PLANETS SOUTHING, OR PASSING THE MERIDIAN.						JUPITER'S SATELLITES.				OCULTATIONS OF STARS BY THE MOON.				
	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Neptune.				
	Afternoon		Afternoon		Morning		Morning		Afternoon		Afternoon				
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	Names of the Stars.	Magni- tude.	Times of disappear- ance & re-appear- ance of the Star.
1	0 44	0 56	4 26	9 57	9 8	5 55	12 5	48 A.M.	7 6	47 A.M.			B.A.C. 845	4	{ 5 6 27 P.M.
6	0 53	1 4	4 9	9 41	8 48	5 36	19 7	42 A.M.					Delta 2 Tauri	4½	{ 7 6 2 P.M.
11	1 11	1 12	3 52	9 25	8 27	5 16	28 4	4 A.M.					63 Geminorum	6	{ 7 6 53 P.M.
16	1 21	1 20	3 33	9 9	8 7	4 57							83 Cancri	6	{ 11 0 30 A.M.
21	1 26	1 27	3 13	8 54	7 47	4 38							37 Leonis	6	{ 12 9 42 P.M.
26	1 20	1 34	2 51	8 37	7 27	4 18									{ 12 10 34 P.M.
31	0 56	1 41	2 28	8 21	7 7	3 59									{ 13 10 24 P.M.
															{ 13 11 13 P.M.

TIMES OF CHANGES OF THE MOON, And when she is at her greatest distance (Apogee), or at her least distance (Perigee), from the Earth in each Lunation.										RIGHT ASCENSIONS AND DECLINATIONS OF THE PLANETS.									
Days of the Month.	Mercury.		Venus.		Mars.		Jupiter.		Saturn.		Uranus.		Neptune.						
	Right Ascension	Declination South	Right Ascension	Declination South	Right Ascension	Declination North	Right Ascension	Declination South	Right Ascension	Declination North	Right Ascension	Declination North	Right Ascension	Declination South	Right Ascension	Declination North	Right Ascension	Declination South	Right Ascension
FULL MOON ..	8d.	3h. 27m.	P.M.																
LAST QUARTER ..	15	5 26	P.M.																
NEW MOON ..	22	3 34	P.M.																
FIRST QUARTER ..	30	1 15	P.M.																
APOGEE ..	2	2	A.M.																
PERIGEE ..	16	9	P.M.																
APOGEE ..	29	11	P.M.																



## DESCRIPTION OF THE DIAGRAM OF MEAN TEMPERATURE OF THE AIR.

The numbers in the boundary columns on either side show the mean reading of the thermometer, and those on the top and bottom indicate the year.

The mean temperature of each period, as found from all the observations, is shown by a dotted line; and the mean temperature of any particular period is shown by a continuous line, the spaces between which and the dotted line, during any period whose temperature has been below its average value, are all below the dotted line, and are represented by dark spaces, and those periods whose temperatures have been above the average are all above the dotted line, and are represented by light spaces.

The distribution of heat, over any year and over any group of years, is thus immediately exhibited to the eye, and it will readily be seen that there is a gradual transition from the preponderance of the light to an almost mean state, and then to a preponderance of the dark; or, in other words, that cold years come together, and hot years come together. This circumstance is shown in several instances, and will be spoken of presently.

The diagram shows in an admirable manner the leading particulars of each quarterly period and of the whole time; and it will be seen that the preponder-

ance of dark is on the left side of the diagram, and the excess of light on the right side, thus indicating that the climate has become warmer.

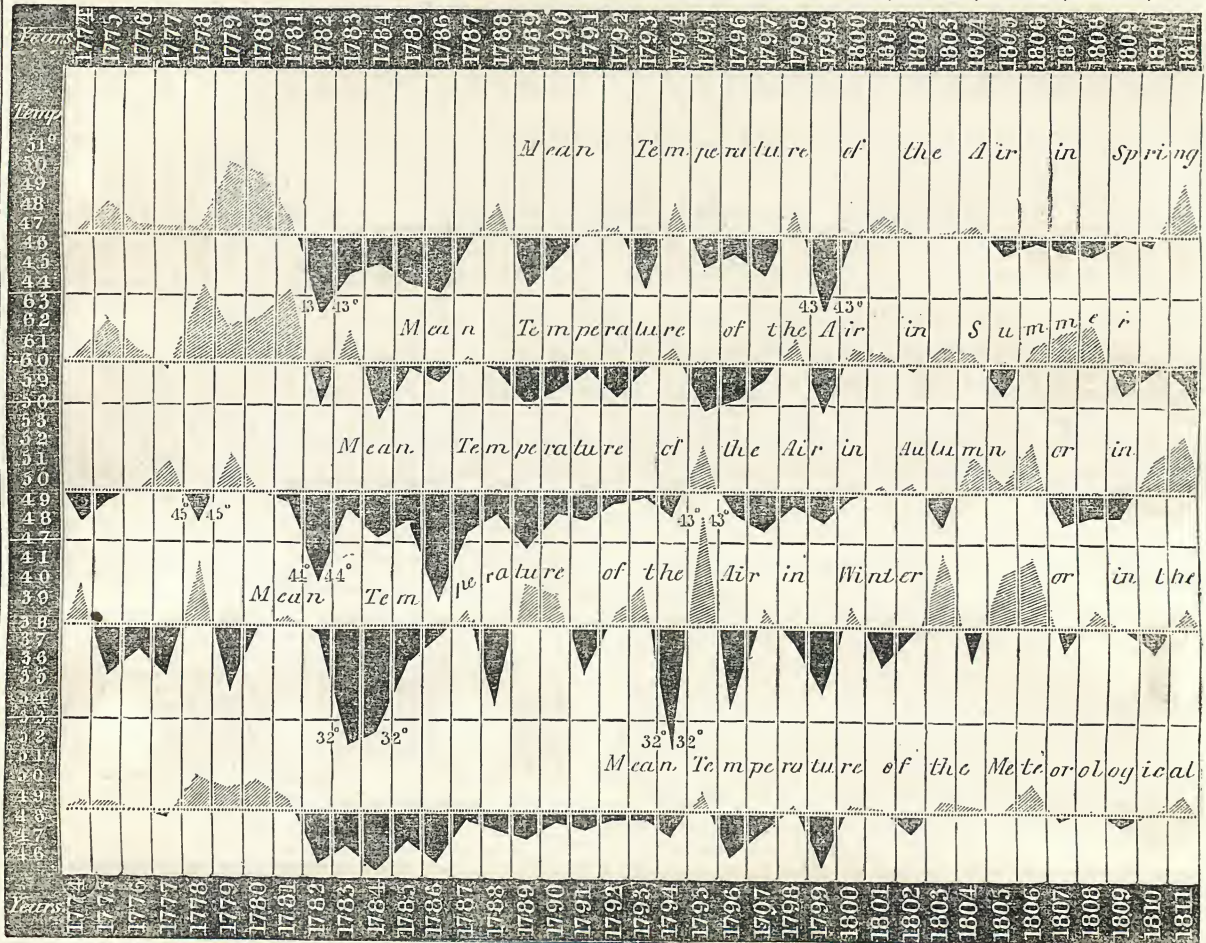
The number of observations used in the formation of this diagram exceeds 200,000: they were made till the year 1840 at the apartments of the Royal Society, and were printed in each volume of the *Philosophical Transactions*. Those since 1840 were made at the Royal Observatory, Greenwich. All these observations have just been reduced and made available by Mr. Glaisher, in a paper published in the *Philosophical Transactions*, part 2, 1850, in which he has explained the methods adopted by him to reduce this long series of observations to one and the same series. In this paper will be found the numerical values of the monthly, quarterly, and yearly mean temperatures, from the beginning of the year 1771 to the end of that of 1849. By reference to the diagram and to these tables, we can collect the following particulars:—

The mean temperature of spring, from all the observations, was  $46^{\circ}4$ . The years distinguished by cold springs were 1771, 1772, 1782, 1785, 1786, 1789, 1793, 1799, 1814, 1816, 1837, 1839, and 1845; and the mean of their temperatures was  $43^{\circ}2$ .

The coldest spring, during the whole period, was in the year 1837, and its mean temperature was  $40^{\circ}9$ .

The years distinguished by hot springs were 1799, 1780, 1811, 1822, 1830, 1841,

DIAGRAMS SHEWING THE MEAN TEMPERATURE OF SPRING, SUMMER, AUTUMN, WINTER, AND



The dark spaces denote that the Temperature was below the average, and the light spaces denote that the Temperature was above the average.—The distance from the dotted lines denotes the departure from the mean of the period.

and 1848; and the mean of their temperatures was  $49^{\circ}7$ . The hottest spring, during the whole period, was 1779, and its mean temperature was  $50^{\circ}4$ .

The mean temperature of summers, from all the observations, is  $60^{\circ}0$ . The years distinguished by cold summers were 1771, 1795, 1799, 1812, 1813, 1814, 1816, 1817; and the mean of their temperatures was  $57^{\circ}9$ .

The years distinguished by hot summers were 1778, 1779, 1780, 1781, 1808, 1818, 1826, 1834, 1835, 1842, and 1846; and the mean of their temperatures was  $63^{\circ}2$ . The hottest summer within the period was that in the year 1846, and its mean temperature was  $63^{\circ}4$ . The coldest summer within the period was that in the year 1816, and its mean temperature was  $52^{\circ}2$ .

The mean temperature of autumn, from all the observations, is  $49^{\circ}3$ . The years distinguished by cold autumns were 1771, 1782, 1785, 1789, and 1829; and the mean of their temperatures was  $45^{\circ}9$ .

The years distinguished by hot autumns were 1779, 1795, 1804, 1806, 1811, 1818, 1821, 1822, 1831, and 1846; and the mean of their temperatures was  $52^{\circ}3$ . The coldest autumn within the period was that in the year 1786, and its mean temperature was  $44^{\circ}2$ . The hottest autumn within the period was that in the year 1718, and its mean temperature was  $54^{\circ}2$ .

The mean temperature of winter, from all the observations, is  $37^{\circ}6$ . The years distinguished by cold winters were 1779, 1783, 1784, 1788, 1794, 1796, 1798, 1799, 1813, 1829, 1837, and 1840; and the mean of their temperatures was  $33^{\circ}5$ .

The years distinguished by warm winters were 1778, 1795, 1803, 1805, 1821, 1827, 1833, 1845, and 1848; and the mean of their temperatures was  $42^{\circ}1$ .

The coldest winter within the period was that in the year 1794, and its mean temperature was  $31^{\circ}6$ .

The warmest winter within the period was that in the year 1795, and its mean value was  $43^{\circ}2$ . The winters of the years 1833 and 1845 were remarkably warm, being both of the value of  $43^{\circ}1$ .

As before observed, neither the diagram nor the tables at all confirm the idea that a hot summer is either preceded or followed by a cold winter, or vice versa: on the contrary, it would seem that any hot or cold period has been mostly accompanied by weather of the same character. The cold year of 1771 was followed by two cold years. The hot year of 1779 was preceded by one warm year and followed by two others. In 1780 the extreme cold of January was more than counterbalanced by the extreme heat of March. The cold year of 1782 was followed by a long series of cold years. The very cold year of 1799 was followed by a very cold autumn and winter. The warm year of 1806 was preceded by a warm winter. The very cold year 1814 (the last very cold year we have had) was preceded by a moderate, and was followed by a warm winter. The hot year of 1822 was preceded by a warm, and was followed by a moderately cold winter. The hot year of 1834 followed a very mild winter, and was followed by another. The hot year 1846 was preceded by a warm winter, and was followed by a moderate one. The warm year 1848 was both preceded and followed by warm periods.

The mean temperatures of the years 1771, 1782, 1784, 1786, 1799, and 1814 were all below  $46^{\circ}$ ; the coldest was 1784, and its value was  $45^{\circ}1$ .



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

The mean temperatures of the years 1779, 1818, 1822, 1834, and 1846 were all above 50°; the year of highest temperature was 1846, and its value was 51°3. The mean from all the years from 1771 to 1849 gives a mean temperature of 49°3, with a variation, between one year and another, from 45°1 in 1784, to 51°3 in 1846; the difference is 6°2.

The following is the character of each year as determined without instrumental means:—

1771.—There were frequent and very sharp frosts till April 20. On February 12 the reading of the thermometer was as low as 4°. The month of May was warm. The summer was cool and dry. October was a wet and windy month; and the weather was mild to the end of the year. The severe weather of the beginning of the year caused a bad seed-time, and the harvest was very late.

1772.—The beginning of January was mild; from the middle of January frosts and great snows were frequent, and continued to the middle of March. The summer was very fine. The autumn was mild, but wet; and there was no frost till December 22.

1773.—With the exception of the latter part of February, which was stormy and wet, there was much fine weather till the beginning of May; then many mornings were frosty; after which heavy rain fell frequently till June. The summer was fine. The autumn was wet; and there was no frost till December 22.

1774.—The year began with severe frost, and for nearly two months the ground was frost-bound. Occasionally there were great rains or snow. The weather was more moderate in April. The summer was cool, with heavy rains. The autumnal months were wet, particularly in September. Some snow fell in November and beginning of December. This year was remarkably wet.

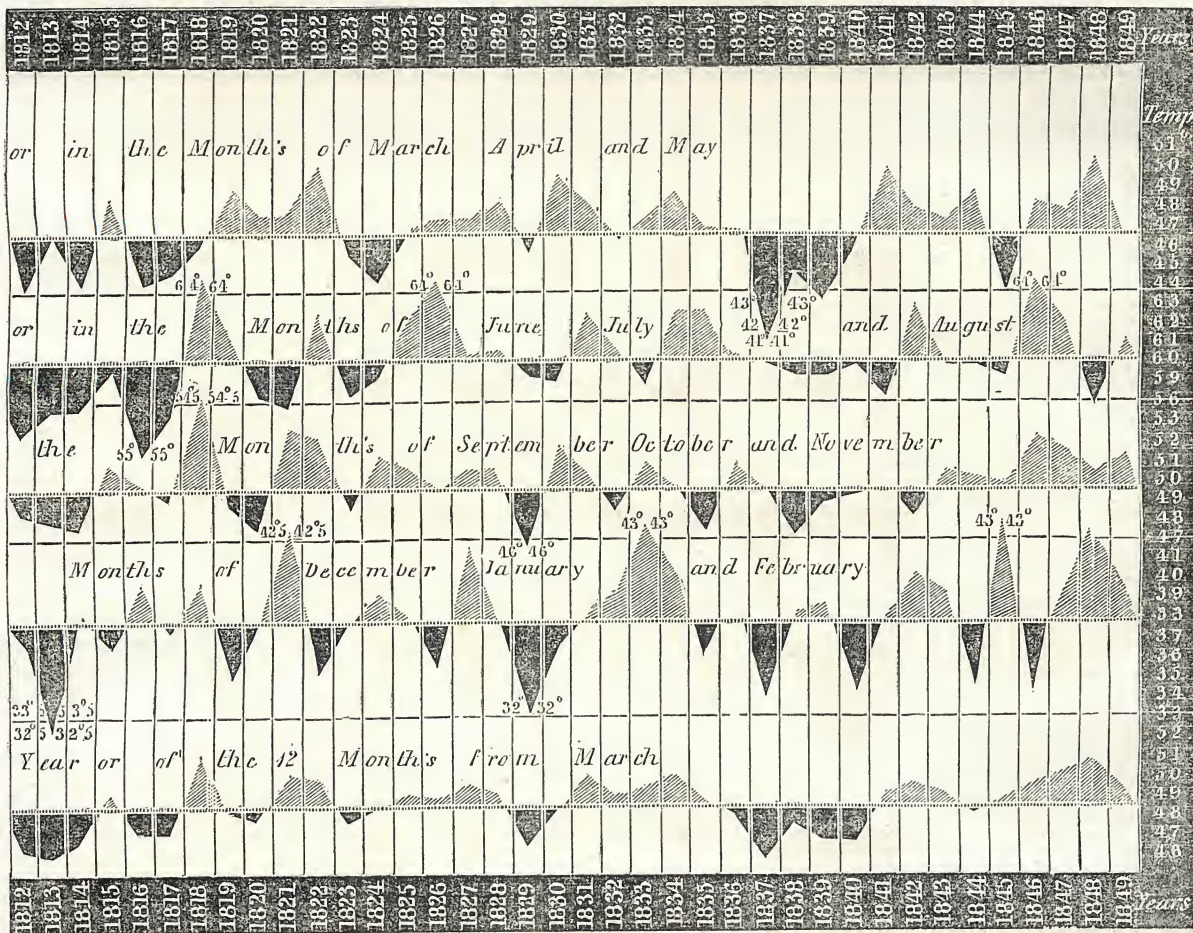
1775.—The weather was mild at the beginning of the year. The summer was dry and hot. Thunder-storms were frequent in autumn. The year was very fine; and grain was cheaper than it had been for many years past.

1776.—In January there fell a greater quantity of snow than had fallen for some years, and the frost was supposed to have been the most severe since 1740. The frost went away at the beginning of February, and the weather following was mild and wet. It became hot about the middle of April. May was cold and dry, with north winds. After this, the weather was mostly fine till the end of December, when there was a sharp frost.

1777.—The year began with a sharp frost, and heavy falls of snow continued till towards the end of February. For a few days about Lady-day the weather was unusually hot, the reading of the thermometer being nearly 70°; after this the weather was windy and cold till June. The latter part of the summer and autumn was fine. The year ended with frost and snow.

1778.—There were frost and snow at the beginning of the year. The beginning

THE YEAR, FOR EVERY YEAR FROM 1774 TO 1849, AT THE ROYAL OBSERVATORY, GREENWICH.



The dark spaces denote that the Temperature was below the average, and the light spaces denote that the Temperature was above the average.—The distance from the dotted lines denotes the departure from the mean of the period.

of April was fine. The summer was fine and hot; supposed at the time to have been as fine a summer as that of 1762, if not as fine as the summer of 1750. Frosty mornings began in September, but were less frequent afterwards. On the last day of this year there was a violent storm, supposed by some to have been as violent as that of 1703.

1779.—After the beginning of January there was no frost. The spring months were remarkably warm. In February, wall-fruit flowered. The middle of April was quite hot, as was the summer and autumn. About the middle of November there was a little frost; and again on December 22. There was much sickness this year.

1780.—This year began with a frost almost as severe as that in 1772: there was not much snow, and the weather continued severe till near the end of February. The month of March was warm. It was hot from July to September, and mostly mild till Christmas, when a frost set in. The year was sickly.

1781.—There was a little frost at the beginning of the year. The spring was mild; the summer was hot; and the ground was much burned. Autumn was fine and pleasant; and there were only a few frosty mornings during the remainder of the year.

1782.—The beginning of the year was mild, but in February it was frosty, and the remainder of the winter was severe. The spring was cold. Nearly twelve inches of rain fell in April and May. The weather was fine in June, but bad afterwards. The autumn was cold. It was severe in November, and during the first half of December.

1783.—The spring was pleasant, with frosty mornings very constant till near April. A remarkable haze was prevalent all over Europe during the summer. The autumn was fine, and the weather was mostly mild till the last week in December, when a great fall of snow took place.

1784.—There was steady frost, with snow, till February 21; and till the end of March the mornings were frosty; and at the end of March there were cold winds, with snow. This weather continued till the middle of April; and till the first week in May frosty mornings were frequent, and the remainder of May was exceedingly hot. There were a few hot days in July; but the weather was precarious throughout the autumn; and in December the frost was as severe as it was in January.

1785.—The severe frost of the preceding month broke early in January; but on the last day of January a second very severe frost set in, and continued till the middle of March. The winter was most severe; the summer and part of autumn were showery; a heavy fall of snow took place at Christmas, and severe frost.

1786.—The frosts at the beginning of the year were of short duration. From the beginning of March there was a most severe frost of a fortnight's duration. Cold E. and N.E. winds were prevalent, with frosty mornings, till the beginning of May. June and July were moderately fine; August was cold and showery; and from this time to the end of the year there was a great deal of rain.

1787.—The year began with open weather. April was cold, with N. winds, and vegetation was stopped; during April and May frosty mornings were fre-



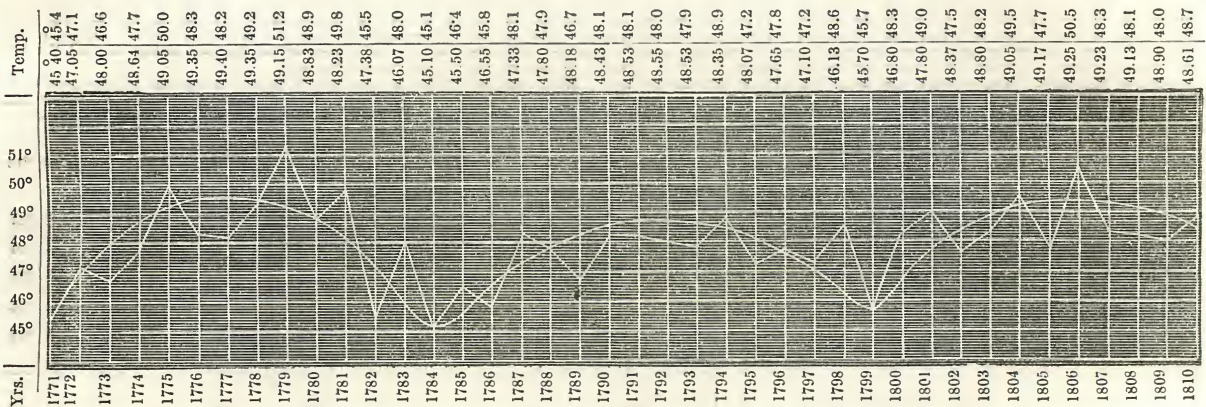
quent; and there was a sharp frost on the morning of the 7th of June; and it was a cold summer; the autumn was mild; and there was a heavy fall of snow and a week's frost at the end of the year.

1788.—January and February were mild, the latter month being wet. There was a fortnight's frost in March; there were several periods of hot weather in April, May, and June. The summer was in general dry; autumn was fine; there was a gentle frost at the beginning of December, then an exceedingly

severe frost set in, with heavy falls of snow, which continued to the end of the year. This year was remarkable for the abundance of fruits, &c.

1789.—Very heavy storms of wind and snow took place till the middle of January, and great rivers were frozen over; there was a great loss of fish in ponds from the severity of the cold. After the frost broke the weather was mild, but windy and wet. During March there were nearly constant N. winds, and heavy falls of snow were frequent, with sharp frost. The summer was

CURVE OF MEAN ANNUAL TEMPERATURE OF



The upper numbers show the mean temperature of each year, and those immediately under them show the equated value.

mostly wet. August was fine; after which it was again wet, and continued so to the end of the year, with scarcely any frost.

1790.—The weather was mild and open till April, when the first snow fell in the year; and the weather, during the beginning of this month was the most severe during the winter. The summer was cold, cloudy, and windy; autumn was fine and pleasant; December was stormy, with very changeable weather.

1791.—Till January 6th there was frost; after this, the weather was mild till towards the end of April. There were many frosty mornings, with cold N.E. winds, in May. The former part of the summer was cold: frosty mornings were frequent till the middle of June, the latter part of summer, and autumn. During November and December there were frequent storms, and falls of snow and frost.

1792.—There were frequent sharp frosts till March, with stormy and wet weather: the beginning of March was mild; after this there was a frost of a week's duration. The summer was wet and cold; the autumn was wet, and December was cloudy, with very little frost. This year was very wet.

1793.—January and February, and beginning of March, were mild; a frost set in at the end of March; there was a great fall of snow in the first week in April. The former part of the summer was cold, with frequent frosty mornings till June; July was wet; the autumn was fine, mild, and calm; and there was no frost till the end of the year.

1794.—The year began with slight frost, which continued till the end of January; February was very mild; the spring was warm till May, which was cold; July was hot; the autumn was wet, but mild, as was the first part of December; but the weather during the latter half of the month was severe, with heavy snow.

1795.—The frost began about the middle of December, 1794; was excessively severe in January, and continued till the end of March. There were very large falls of snow, and the consequent floods were so great that nearly all the bridges in England were injured. Some snow fell in April. The summer was cold, with frequent frosty mornings till June; there were some hot days in July, but it was generally cold; after this, the weather was fine till autumn. In December much injury was done to shipping by the strong S. and S.W. winds: there was no frost.

1796.—January was remarkably warm, with occasional thunder-storms. There was no frost till March, and then of no long duration. The summer was cool; the autumn was fine, with a few frosty mornings at the end of November; in December a severe frost set in, and the reading of the thermometer in many places, on the 24th, was below zero of Fahrenheit's scale.

1797.—During a few days in January the frost continued; after this, to the end of March, scarcely any rain fell; and the weather was fine, with frequent frost. From April to September there were frequent rains. The summer was cold; there was some warm weather in July; the autumn in general fine; and the weather continued open till the end of the year.

1798.—With the exception of a few slight frosts, which occasionally occurred till March, the weather was open and mild. The summer was fine, as was autumn and the beginning of December; after this a severe frost set in, and the reading of the thermometer was as low as 5°.

1799.—The severe frost which set in about the middle of the preceding month, continued to the middle of January, and again set in towards the end of the month, with much snow, which continued during the first week in February; some snow fell in March, and the mornings were frosty till the end of the month. From April to the middle of November was wet; December was foggy; and after the 17th a severe frost set in, with snow falling. The whole year was very cloudy.

1800.—During the first and the last three months the weather was unsettled and rough; the summer was moderately fine.

1801.—The sky was very cloudy during the first four months, and snow fell as late as the middle of April; rain fell frequently in May and June; summer and beginning of autumn were fine; snow fell towards the end of November; November and December were moderate.

1802.—With the exception of July, which was wet and cold, the year was moderately fine.

1803.—A cold, dry spring. Snow fell in February. June was cold and wet. A moderately fine summer and autumn, and an open winter.

1804.—January was warm. Some snow fell occasionally till the end of March. Summer and autumn warm; an open winter.

1805.—With the exception of autumn, which was warm, the year was generally cold.

1806.—January was wet and warm. Some snow fell in February, and the sky

was clouded till the end of April; and after this the weather was generally fine till the end of the year.

1807.—Spring was cold; snow fell till near the end of April. May wet. Summer fine; autumn cloudy. Snow fell in November and December.

[The following particulars of each year have been extracted from a paper published by H. Cox, Esq. :—]

1808.—April 19, a heavy fall of snow for four hours. A fine, productive harvest. 1809.—Last week in April very cold, wet, frosty, and unpleasant weather. May came in fine and hot.

1813.—An immensely productive harvest, and a general thanksgiving for it.

1814.—January 4, the deepest snow that had been known for forty years began—was some days falling—continued on the ground for five weeks; at places the drifts were fifteen feet high. The frost continued twelve weeks, to March 20th.

1816.—From April 12 to 15 snow remained on the ground, and the weather was severe and frosty. September 3, a severe frost, which produced ice.

1817.—The month of August very wet, succeeded in September by fine harvest weather.

1818.—May 8, a deluge of rain fell; after which no more fell at or near Treveux till September 5, being seventeen weeks and one day, during which all vegetation was completely burnt up.

1819.—October 22, snow six inches deep.

1820.—No rain from May 2 to July 5: nine weeks of very hot days.

1823.—Rain, little or much, every day from June 29 to August 15—forty-seven days.

1824.—A very wet summer, but not cold. Crops of corn light, of hay heavy.

1825.—Sold the produce of twelve acres of hops for five shillings: the crop was gathered, and proved to be twenty-four pounds in weight.

1826 and 1827.—Two fine summers.

1828.—Very heavy rain every day from July 6 to August 14.

1829.—Though the 9th of April is stated as the day on which oat-sowing was finished, yet an experiment was tried by sowing White-gate field with black tartar oats on the 13th of May. The weather was much against them at first, but they turned out well, and were carried on the 6th of October, the last load going into the barn white with snow. Rain, more or less, every day from June 16 to September 20, being ninety-six days (except on four of them, 23rd and 24th of July, and 3rd and 4th September). The season was not particularly cold, but the wettest in my memory. (H. C.)

1830.—A severe frost till February 7th. March was fine, dry, and warm, without a storm or a shower. April 1 was snowy till noon, whilst a swallow was seen flying about at Treveux.

1831.—On the 6th of May occurred a most severe frost; the young shoots of the ash and oak were destroyed, fruit trees of all sorts were greatly injured, and even the meadow grass was checked to such a degree that it never recovered from its effects. Ice was nearly half an inch thick on the ponds on the common. Note—A severe frost occurred on the night of May 28, 1819, but inferior in its effects to the last described.

1834.—A fine, dry, warm summer.

1835.—April 16 and 17, a fall of snow for two days. Although the 20th of August was noted as the time of the first and largest flight of swallows, yet it was observed that many remained longer, and they were not all gone this year until October 20th. There are always many stragglers which remain longer than the principal flight, and some few, which appear to have lost their instinct, remain until the winter kills them by starvation and cold.

1836.—September 1, swallows almost all gone. October 29, snow fell in a frosty state of weather, and remained on the ground a week. December 24, much snow fell at night, which, in many places being drifted, stopped the roads for several days.

1838.—January 8, a very severe frost commenced, and it continued about five weeks, with some snow, the thermometer being 5° or 6° below zero: most of the evergreen shrubs were killed down to the ground. April 16, continued snow-storms until the 20th, and very cold. September 10, swallows more than half gone.

1839.—May 14, small snow for four hours in the morning; 15th and 16th, much more, with severe frost at night. September, 1839, an extremely wet month; many floods; continued wet throughout the autumn and winter. At harvest, this year, a single grain of wheat planted in October, 1838, in my garden, without extra cultivation, produced 2800 grains of wheat on 64 straws.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

1840.—Began with continued rain, until the middle of February, then a dry spring and summer, until August 17th. The crop of hay was less than half a load per acre.

1841.—Wet summer, autumn, and winter.

1842.—A dry summer. The swallows began to leave on the 2nd September, most about the 15th. Hay short this year.

1843.—Hay abundant.

1844.—August 15, swallows many gone. A long and severe winter, until March 20, 1845.

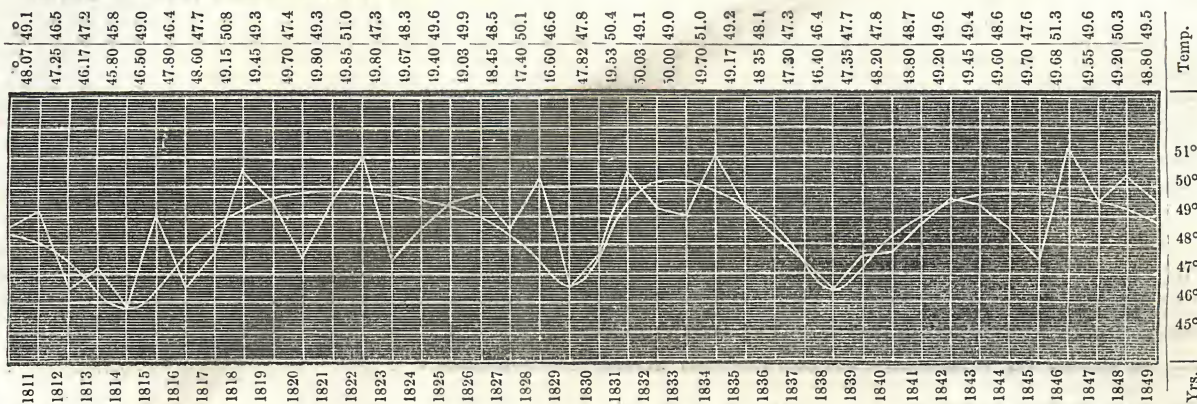
1845.—Very wet summer. Haymaking from July 7 to September 6.

1846.—Backward spring and very dry summer.

1847.—Same as 1846. Swallows almost all gone, August 22.

1848.—Wet winter and spring, until middle of April, then a parching drought to June 12th; wet summer and autumn after, until Christmas. The corn of all

## THE AIR, FOR EVERY YEAR FROM 1771 TO 1849.



The upper numbers show the mean temperature of each year, and those immediately under them show the equated value.

sorts much grown and spoiled with wet. August 1, on account of the extreme wetness of the season, many of the martens and some of the swallows disappeared.

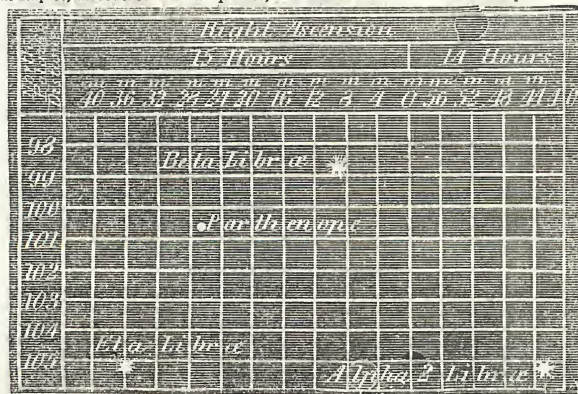
1849.—April 16 to 20, much snow and frost. The Westerham Coach was buried and left all night in a snow-drift, on Titsey Hill, April 19th. A fine summer.

Various diagrams and curves were laid down from the preceding results, with the view of discovering a law. One of these curves—that intending to show the curve of mean annual temperature—was formed mechanically by bisecting the lines joining the mean temperature of consecutive years, and finally drawing a curve line by the hand, passing through these points. This curve exhibited several well-marked periods. It was found that about the year 1771 there was a batch of cold years; another about 1784; again at 1799, and in 1814; and these periods were separated from each other by about fifteen years—the temperature of the years between these times being for the most part warmer than any of them. It then occurred to Hugh Gordon, Esq., late of the Ordnance Office, Dublin, who, at Mr. Glaisher's request, had discussed these observations, that the waved curve indicated a succession of parts of ellipses; and he therefore determined to equate the several yearly temperatures by elliptic equations, by starting from one lowest point to the next. The results of thus treating the numbers are shown in the above diagram, whose elliptically equated curve shows in a very marked manner the cycle of the great variable mean temperature. The summation of the mean temperatures in each cycle equals the summation of the recorded mean temperatures within the same period.

If this curve approximates to the true curve of mean temperature, the secondary causes at times in operation must be very great, as may be seen by the great departures from the curve in the years 1821 to 1823, &c.

## DISCOVERY OF TWO NEW PLANETS IN THE YEAR 1850.

On May 11, 1850, Dr. Annibal de Gasparis, assistant at the Royal Observatory at Naples, discovered a small planet, and which he named "Parthenope."

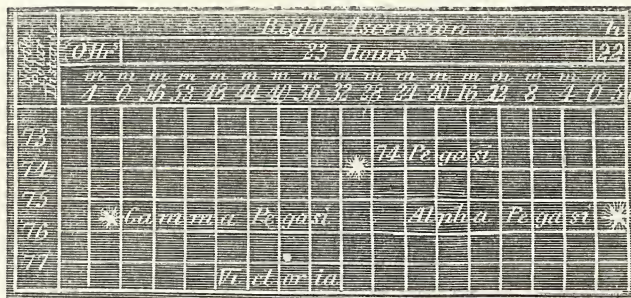


PLACE IN THE HEAVENS OCCUPIED BY THE NEW PLANET "PARTHENOPE," ON ITS DISCOVERY BY DR. ANNIBAL DE GASPARIS, ON MAY 11, 1850.

On September 2, 1850, Mr. Hind, at Mr. Bishop's Observatory, Regent's-park, discovered another small planet, making the third he has discovered, and which he has named "Victoria."

The orbits of both these planets are situated between those of Mars and

PLACE IN THE HEAVENS OCCUPIED BY THE NEW PLANET "VICTORIA," ON ITS DISCOVERY BY MR. HIND, ON SEPTEMBER 20, 1850.



Jupiter, and they make twelve of those small planets thus situated. Their places in the heavens at the times of discovery are shown in the annexed diagrams.

## DISCOVERY OF A SECOND SATELLITE OF NEPTUNE.

LETTER FROM MR. LASSELL TO THE ASTRONOMER ROYAL.

(From the Monthly Notice of the Royal Astronomical Society, Vol. X., No. 8.)

"STARFIELD, 14th August, 1850.

"My dear Sir,—I have strong reason to suspect that I have to-night detected a satellite of Neptune.

"Last night, the 13th instant, at about 11h. 0m., I observed the satellite of Neptune for the first time this season, and made a diagram of it—the satellite being towards its southern elongation. The sky was extremely unfavourable; and, finding that no measures of either position or distance could be taken with any chance of accuracy, I attempted none.

"To-night, in a somewhat better, but still bad sky, I see what I can conceive to be another satellite, in the line of northern elongation of the old satellite, and about two diameters distant.

"This cannot well be the satellite already known, which ought to be almost preceding the planet, and, in that position, is generally invisible. There can be no question of the reality of the observations; the satellite of to-night (considerably fainter than that of last night) being repeatedly and almost constantly seen, with various powers—e.g. 316, 479, 628. The position of the satellite is, as I have said, very nearly in the direction of the greatest northern elongation of the old one, and, being barely two diameters of the planet distant, may, probably, be inferior to it.

"The sky became cloudy shortly after eleven, and remained so, which prevented any confirmatory observations of motion. But I think the hypothesis of a fixed star of a similar magnitude, and in the precise direction, being located there, is too unlikely, to throw much doubt upon the discovery."

## TIMES OF THE POLE STAR BEING ON THE MERIDIAN, OR DUE NORTH, DURING THE YEAR 1851.

Jan. 1, at	6h. 24m. 19s. A.M. below the Pole, and	6h. 22m. 21s. P.M. above the Pole.
Feb. 1	4 22 0	4 20 2
March 1	2 31 36	2 29 38
April 1	0 29 33	0 27 36
May 1	10 29 44	10 27 46
June 1	8 28 8	8 26 10
July 1	6 30 33	6 28 37
Aug. 1	4 29 6	4 27 8
Sept. 1	2 27 32	2 25 34
Oct. 1	0 29 45	0 27 48
Nov. 1	10 25 54	10 23 56
Dec. 1	8 27 43	8 25 45
Dec. 31	6 29 23	6 27 25

From these times, those of the meridian passage of the star can be easily calculated for any other day in every month.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## POINTS RELATING TO THE EXHIBITION OF WORKS OF INDUSTRY OF ALL NATIONS IN 1851.

### HER MAJESTY'S COMMISSIONERS.

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His Grace the Duke of Buccleuch, K.G., F.R.S.  
Rt. Hon. the Earl of Rosse, K.P., Pres. of Royal Society  
Rt. Hon. the Earl of Ellesmere, F.S.A.  
Rt. Hon. the Earl Granville  
Rt. Hon. Lord Stanley  
Rt. Hon. Lord Overstone  
Rt. Hon. Lord J. Russell, M.P., F.R.S.  
Rt. Hon. Henry Labouchere, M.P.  
Rt. Hon. W. E. Gladstone, M.P.  
Sir Richard Westmacott, R.A.  
Sir Charles Lyell, F.R.S., Pres. of G. S.  
J. SCOTT RUSSELL, Esq., F.R.S.  
STAFFORD HENRY NORTHCOTE, Esq., } Secretaries.

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Lieut.-Colonel Reid, R.E., V.P.R.S. (Chairman).  
Henry Cole, Esq.  
Charles Wentworth Dilke, Esq.  
Dr. Lyon Playfair and Lieutenant-Colonel Lloyd, Special Commissioners to communicate with Local Committees.  
Alexander Redgrave, Esq., to communicate with Local Committees, Railway Companies, &c., on the visits of the Working-Classes to the Exhibition.  
Executive to superintend the erection of the Building: Digby Wyatt, Esq., Owen Jones, Esq., and C. H. Wild, Esq.

Dr. Royle, to superintend the Animal and Vegetable Kingdoms, &c.

J. Hensman, Esq., to superintend the Arrangement of the Machinery.

### LIST OF COMMITTEES.—METROPOLITAN DISTRICTS.

London.—Cattley, Rev. S. R.; Wire, D. W., Esq., 62, Cheapside  
Westminster.—Drew, G. H., 28, Parliament-street  
Brentford.—Clarke, G.  
Chelsea.—Rudge, Rev. E., Cheyne Walk  
Chiswick.—Wilde, W. H., Turnham Green  
Finsbury.—James, E. W., 23, Ely-place; Hopwood, C. H., 47, Chancery-lane  
Greenwich.—Nicholls, J. W.; Glaisher, J.  
Hammer-smith.—Roberts, A., jun., 1, Grove-terrace  
Hampstead.—Paxon, W.  
Kensington.—Morris, J., High-street  
Marylebone.—Greenwell, Walpole E., 56, Welbeck-street, Cavendish-square  
Poplar.—Bain, W. P., Blackwall; Coleman, E., 36, High-street  
Putney.—Fulton, H. H.  
Richmond (Surrey).—Chapman, W.  
South London.—Taylor, R.; Gibson, W.  
Hawkestone Hall, Waterloo-road  
Southwark.—Sturmy, H., 8, Wellington-street, London-bridge  
Tower Hamlets.—Humphreys, J., 33, Spital-square  
Woodwich.—Graham, G. H., Brewer-st.

### LIST OF LOCAL COMMITTEES.

Aberdeen.—Reid, W. L.  
Aberystwyth.—Davies, J.  
Abingdon.—Barrett, A. D.  
Alexandria (N.B.).—Bell, D.  
Alloa.—Wingote, J.  
Alton.—Clements, J.  
Amlwch.—Evans, E.  
Appleby.—Vemys, F.  
Arbroath.—Macdonald, J.  
Ashborne.—Barnford, J.  
Ashburton.—Leaman, T. L.  
Ashford.—Whitfield, W.  
Ashton-under-Lyne.—Gartside, H.  
Bakewell.—Barker, J.  
Barnbury.—Austin, G. B.  
Barnard Castle.—Monkhouse, J. C.  
Barnsley.—Newman, E.  
Barnstaple.—Cotton, R.; Millar, J. M.  
Barton-on-Humber.—Graham, W.  
Basingstoke.—Shebbeare, J. C.  
Bath.—Tunstall, J. M. D.; Akerman, W.  
Batley (Yorkshire).—Jubb, S.  
Bedford.—Pulley, H., jun.  
Belfast.—McAdam, J., jun.  
Belper.—Iugle, T.  
Berwick, North.—Dall, T.  
Berwick-upon-Edw.—Weatherhead, R. B.  
Beverley.—Crust, T.  
Bideford.—Carters, C.; Tardrew, H.  
Biggleswade.—Hawkins, J.  
Bilston.—Perry, C.  
Bingley (York).—Passavant, jun.  
Birmingham.—Marshall  
Bishop's Stortford.—Glascock, J. L.; Simpson, T.  
Blackburn.—Clark, W. J.  
Bodmin.—Bray, R.  
Bolton (Lancashire).—French, G. J.  
Boston.—Bontoft, J. A.  
Bradford (York).—Tee, L.; Taylor, G.  
Bradford (Wilts).—Merrick, W.  
Braintree.—Cunnington, A.  
Brampton.—Graham, J.  
Brentwood.—Barnfoot, J.  
Bridlington.—Jones, W.  
Bridgewater.—Smith, R., jun.  
Bridlington.—Taylor, S.  
Bridport.—Colfox, T.  
Brighton.—Clarke, S.  
Bristol.—Wilson, J.  
Bromsgrove.—Maund, B.  
Buckingham.—Nelson, G.  
Bury.—Heelis, J.  
Burton-on-Trent.—Richardson, J. H.  
Bury St. Edmunds.—Holmes, J. H.  
Bury (Lancashire).—Norris, W. H.  
Buxton.—Bright, S.  
Camborne.—Bickford, T. S.; Budge, J. H.  
Cambridge University.—Babington, C. C., M. A.  
Cambridge Town.—Gottobed, H.; Harris, H.  
Canterbury.—Aris, J.  
Cardiff.—Bird, H.  
Carlisle.—Nanson, J.  
Chard.—Tucker, C. B.  
Chatham.—Limbirt, B. T.  
Cheadle.—Cattlow, J.  
Cheltenham.—Gwynnett, W. H.  
Chelmsford.—Meggy, G.; Chancellor, F.  
Cheshunt.—Chaplin, J. B.  
Chester.—Maddock, J.  
Chesterfield.—Roberts, J.  
Chichester.—Mason, W. H.  
Chippingham.—Wharry, J.; Alexander, T.  
Chipping Norton.—Bliss  
Chorley.—Jackson, R.  
Cirencester.—Bevir, W. L.  
Cockershall.—Benson, R.  
Coggeshall.—Clemance, J.  
Colchester.—Hayward, R.  
Colne.—Hartley, H. W.  
Congleton.—Latham, J.  
Cork.—Feath, G. C.  
Coventry.—Skidmore, F. A.  
Crewkerne.—Pearce, J.  
Cricklade.—Lovell, J.  
Cupar.—Duncan, W.  
Dalkeith.—Mitchell, A.  
Darlington.—Humble, S.; Mason, G.  
Darmouth.—Evans, Rev W. S. S.  
Deal.—Reaks, T.  
Derby.—Stevens, H. J.; Every, F. S.  
Devizes.—Waylen, G.  
Devonport.—Norman, A.; Woolcombe, T.  
Dewsbury.—Fearnley, G.  
Doncaster.—Mason, T. B.  
Dorchester.—Stone, J.  
Dover.—Bass, T. B.; Stilwell, J.  
Driffield.—Great—Conyers, E. D.  
Dublin.—Porter, W. H.; Fry, W.  
Dudley.—Blackwell, J.  
Dumbarton.—Mitchell, R.  
Dunbar.—Shod, J.  
Dundee.—Milne, G.; Monro, W. C.  
Dunfermline.—Kilgour, A.  
Dunmow.—Merris, F. J.  
Dunstable.—Osborne, J.  
Durham.—Forster, J. H.  
Edinburgh.—Todd, J. H.  
Elgin.—Duff, P.  
Exeter.—Brutton, C.  
Exmouth.—Adams, H. C.  
Falkirk.—Gentleman, P.  
Falmouth and Penryn.—Rundell, W. W.  
Farringdon.—Crowder, G.; Knapp, —  
Farnham.—Nicholls, B.  
Fleetwood.—Stewart, J.  
Folkestone.—Brokman, R. T.  
Forfar.—Roberts, W.  
Frome.—Walters, G., jun.  
Gainsborough.—Guy, J.  
Galashiels.—Haldane, R.  
Glasgow.—Johnson, W.;

Liddel, A.; Strang, J., L.L.D.  
Glastonbury.—Clark, J.  
Glossop.—Ball, J.  
Gloucester.—Fryer, K. H.  
Godalming.—King, W.  
Gosport.—Wilkinson, J.  
Grantham.—Ekin, T.  
Gravesend.—Sharland, G.  
Great Grimsby.—Daubeneey, N. H.  
Greenock.—Hill, Ninian, M. D.; Macnaughtan, P.  
Guernsey.—Clugas, T.; Le Lievre, P.  
Guildford.—Haydon, S.  
Haddington.—Roughhead, D.  
Halifax.—Carter, R.; Crosstle, J.; Brown, W.  
Halstead.—Arden, G. P.; Hustler, R.  
Hartlepool.—Balk, T.  
Harwich.—Chapman, E.  
Hastings.—Rock, J., jun.  
Hawick.—Wilson, J.  
Hayle.—West, J.  
Helston.—Hill, F.  
Hemel Hempstead.—Stallion, S.  
Henley.—Cooper, S.  
Hereford.—Johnson, R.  
Hertford.—Longmore, P.  
Hitchin.—Goodwin, S.  
Histon.—Devenish, S.  
Horncastle.—Weir, G.  
Huddersfield.—Greenwood, F.; Shaw, J.; Laycock, J.  
Hull.—Jacobs, B.; Frost, H.  
Ilfracombe.—Toms, J.  
Ipswich.—Notcutt, S. A.  
Isle of Wight.—Eldridge, J.  
Cotes.—Manning, J. O.  
Newport.—Hearn, J. H.  
Ryde.—Eldridge, T. W.  
Ventnor.—Burt, J.  
Jedburgh.—Laing, —; Hilson, G., jun.  
Jersey.—Le Quesne, C.; Evans, G. E.  
Keighley, Yorksh.—Spencer, G.; Hudson, T. D.  
Kelso.—Renton, Rev H. Main, G.  
Kendall.—Gandy, G.  
Kewskew.—Hall, J.  
Kidderminster.—Hallen, T.  
Kilmarnock.—Wilson, J.; Brown, A.  
Kingsbridge.—Jarvis, W.  
Kirkcaldy.—Sang, W.  
Knaresborough.—Powell, S., jun.; Oliver, J. S.  
Lanaik.—Annau, J.  
Lancaster.—Dunn, W.  
Lancunston.—Gurney, C.  
Leamington.—Hanbury, J. B.  
Leeds.—Wilson, T.; Kitson, J.; Cawood, M.  
Leicester.—Stone, S.; Wheeler, S. H.  
Lewes.—Lower, M. A.  
Lichfield.—Lomax, T. G.  
Limerick.—Boys, J.  
Lincoln.—Mason, R.  
Liskeard.—Jago, J.  
Liverpool.—Grantham, J.  
Llanelli.—Thomas, J.  
Louth (Lincoln).—Ingoldby, C.  
Luton.—Austin, C.  
Macclesfield.—Higginbotham, S.  
Maidenhead.—Smith, J.  
Maidstone.—Monckton, J.  
Malinesbury.—Clubb, R.  
Manchester.—Fleming, H.  
Margate.—Caveller, W.  
Market Weighton.—Leighton, R.  
Marlborough.—Williams, Sir E., Bart.  
Marlow (Great).—Ward, W.  
Matlock.—Newnes, Rev Mr.  
Melksham.—Phillip, J. L.  
Melrose.—Erskine, J.  
Merthyr Tydvil.—Wolrige, J. C.  
Middlesboro'.—Gilkes, E.; Fallows, W.  
Montrose.—Myers, G. C.  
Newark.—Burnaby, F. F. A.  
Newbury.—Roake, J. W.  
Newcastle (Staf.).—Tomkinson, W.  
Newcastle-on-Tyne.—Watson, J.; Burnett, T.  
Newnam (Gl'str.).—Wintle, J.  
Newport (Mon.).—Latch, T.  
Newport Pagnell.—Bull, W. B.  
Newton (Daven).—Rendell.  
Northallerton.—Jefferson, W. T.  
Northampton.—Rands, G.  
Norwich.—Lemon, R.; Willett, H.  
Nottingham.—Enfield, W.; Rawson, G.; Butler, Rev W.  
Odiham (Hants).—Seymour, J. G.  
Okehampton.—Seymour, C.  
Oldham.—Kadcliffe, H.  
Oxford.—Walker, Rev R. M. A.; Spiers, R. J.; Plozman, J.  
Paisley.—Martin & Hodge.  
Pateley Bridge.—Vivian, H. A.  
Penzance.—Pearce, R.  
Perth.—Reid, A.; Greig, W.  
Peterborough.—Ruddle, J.; Waite, R.  
Plymouth.—Arthur, O. C.  
Pocklington.—Horby, T.  
Poole.—Welch, M. K.  
Pontefract.—Coleman, H. J.  
Port Glasgow.—Stewart, J.  
Portsmouth.—Deacon, H.; Howard, J.  
Preston.—Ctwright, S.  
Ramsgate.—Burgess, G.  
Reading.—Lowejoy, G.  
Redruth.—Peters, J. L.  
Reigate.—Martin, P.  
Retford (East).—Phillips, W.  
Richmond (Yorkshire).—Cooke, L.  
Ripon.—Nicholson, R. W.  
Rochester.—Frail, R.  
Romsey (Hants).—Daman, W.  
Rotherham.—Barras, J.  
Rugby.—Highton, Rev H.  
Runcorn.—Simpson, J.  
Rye.—Dawes, E. N.  
Saffron Walden.—Spurgen, T.  
Salisbury.—Lee, L. C.  
Scarborough.—Moody, J. P.  
Selby.—Lowther, G., Standering, T.  
Selkirk.—Rodger, P.  
Settle.—Robinson, W.; Wildman, J.  
Sheerness.—Keddell, J. T.  
Sheffield.—Plimsoil, S.  
Shrewsbury.—Pidgeon, H.  
Sidmouth.—Radford, G.  
Skipton.—Atkinson, J.; Greenwood, R.  
Southampton.—Deacon, C. E.  
Southport.—Lewis, R.  
South Molton.—Pearse, J.; Ricard, R. M.  
South Shields.—Elliott, R.; Stevenson, A.  
Spalding.—Watkinson, H.  
Stafford.—Turnock, J.  
Stafford Potteries.—Batman, T.  
Stamford.—French, W.  
St. Andrew's.—Murray, W.  
St. Albans.—Langley, A.  
St. Austell.—Drew, J. H.  
St. Columb.—Collins, G. B.  
St. Helen's.—Fincham, F.  
St. Neot's.—Wilkinson, J.  
Stirling.—Boyd, A.; Morrison, P. G.  
Stockport.—Vaughan, J.  
Stockton.—Crosby, J.; Laing, J.  
Stonehaven.—Robertson, the Hon. Sheriff.  
Stonehouse (Plymouth).—Rodd, R.; Mann, J. P.  
Stourbridge.—Gibson, G. W.  
Stroud.—Freston, W. A.  
Sudbury.—Gooday, J. F. S.  
Sunderland.—Candlish, J.; Snowball, W.  
Swansea.—Francis, G. G.  
Tamworth.—Thompson, J.  
Taunton.—White, E.  
Tavistock.—Luxton, R.; Vosper, A. S. M.  
Tewkesbury.—Thomas, J.  
Thorne.—Beckett, W. B.  
Tiverton.—Hellings, T.; Forwood, T. W. J.  
Torpoint.—Captain Westmacott.  
Torrington.—Braginton, G.; Glubb, W. G.  
Totnes.—Seaman, H.  
Tring.—Faithful, H.  
Truro.—Simmons, G. N.  
Uttoxeter.—Bladen, T.  
Wakefield.—Witham, J.  
Walsall.—Newman, J. W.  
Waltham Abbey.—Jesop, L.  
Wallingford.—Atkinson, K.  
Wareham.—Filliter, F.; Fike, J.  
Warrington.—Marsh, J. F.  
Warwick.—Tibbitts, J.  
Waterford.—Nevis, H. N.  
Wellington (Salop).—Benson, J.  
Wellington (Somerset).—White, F.  
Wells.—Davies, R.  
Wexford.—Dillon, Rev E.  
Whitby.—Cramp, W. H.; Belcher, H.  
Whitehaven.—Armitstead, R.  
Wigan.—Acton, T.  
Winchester.—Bailey, G.  
Windsor.—Voules, C. S.  
Winksworth.—Whitaker, J.  
Witbeach.  
Witham.—Walford, S., jun.  
Wolverhampton.—Walker, T.  
Wolverton.—Allen, J. G.  
Woodstock.—North, W.  
Wootton Bassett.—Drake.  
Wotton-under-Edge.—Foxwell, W. G.  
Worcester.—Webb, E.; Purchar, S.  
Workington.—Armstrong, G.  
Worthing.—Tribe, W. F.  
Yarmouth.—Palmer, C. J.  
Yeovil.—Batten, J., jun.  
York.—Munby, J.; Richardson, H.  
Zetland and Shetland.—Greig, A.

### GENERAL CONDITIONS.

The Commissioners will be prepared to receive all articles which may be sent to them, on or after the 1st of January, 1851, and will continue to receive goods until the 1st of March inclusive, after which day no further goods will be received. Exhibitors will be required to deliver their objects, at their own charge and risk, at the building in the Park. The building will be provided to the exhibitors free from rent. The productions of all nations will be admitted. Arrangements have been made by 13 and 14 Vic., c. 104, (passed 14th August, 1850), for the protection of certain articles which may be exhibited, from piracy of the design.

### ARRANGEMENTS FOR THE VISITS OF THE WORKING-CLASSES.

With the view of affording information, a register has been opened at No. 1, Old Palace-yard, Westminster, by the Secretary of the Executive Committee for the Exhibition of 1851, in which will be entered the names and addresses of persons disposed to provide accommodation for artisans from the country whilst visiting



the Exhibition next year. Copies of this register of lodgings may be had on application. Other arrangements are under consideration for guiding the working-classes on their arrival by the trains to the lodgings they may select. The register contains a column in which the particulars, &c. of the accommodation each party proposes to afford will be entered. All applications for participating in these arrangements must be made through local committees. It must be clearly understood, that, whilst her Majesty's Commissioners are desirous of collecting the fullest information likely to be serviceable to the working-classes, they do not propose to charge themselves in any respect with the management, but simply to afford information.

#### SPECIAL INSTRUCTIONS TO COLONIAL AND FOREIGN EXHIBITORS.

Colonial and foreign productions will be admitted without paying duty, for the purposes of exhibition, but not for internal consumption. Her Majesty's Commissioners of Customs will consider all such articles as bonded goods.

#### ARRANGEMENTS MADE BY THE BOARD OF CUSTOMS.

That all works intended for the Exhibition will, in the first instance, be admitted into this country without payment of duty; the goods will not be subject to examination at the water-side, but be conveyed to the place of exhibition, at the expense of the importer, under charge of proper officers of the Customs, to be there opened by the importer or agent, and examined in the presence of the proper officer of the Customs, in order to assess the amount of duty which would become payable thereon if sold in this country, and such marks attached thereto as may be necessary to maintain the identity of the goods. The goods brought for exhibition will be considered as warehoused, under the warehousing regulations, in the premises appointed for the Exhibition; and security must be given in each case for the due re-exportation of the goods, or payment of the duty, at the close of the Exhibition. No goods liable to duty to be on any account removed from the premises until the termination of the Exhibition, and then only on payment of the duty, or for re-exportation.

#### THE PRIZES AND JURIES.

Her Majesty's Commissioners have had under their consideration the subject of the prizes to be awarded to exhibitors, and have resolved to take immediate steps for having (three) medals struck of various sizes and designs, it being their opinion that this is the form in which it will, generally speaking, be most desirable that the rewards should be distributed. They have decided to select bronze for the material in which the medals are to be executed, considering that metal to be better calculated than any other for the development of superior skill and ingenuity in the medallist art, and at the same time the most likely to constitute a lasting memorial of the Exhibition. It is the intention of the Commissioners to reward excellence in whatever form it is presented, and not to give inducements to the distinctions of a merely individual competition. Although the Commissioners have determined on having three medals of different sizes and designs, they do not propose to instruct the Juries to award them as first, second, and third in degree for the same class of subjects. No competitor for a prize in any section will be allowed to act upon a jury to award the prizes in that section. The names of persons selected to act on these juries will be published when decided upon. All persons, whether being designers or inventors, the manufacturers or the proprietors, of articles, will be allowed to exhibit; but they must state the character in which they do so. They may also state the names of all or any of the parties who have aided in the production. In awarding the prizes, however, it will be for the juries to consider, in each individual case, how far the various elements of merit should be recognised, and to decide whether the prize should be handed to the exhibitor, or to one or more of those who have aided in the production.

#### CLASSIFICATION.

The articles exhibited will be divided into four sections:—

*Section I.*—Raw Materials and Produce—illustrative of the natural productions on which human industry is employed.

*Section II.*—Machinery for Agricultural, Manufacturing, Engineering, and other purposes, and Mechanical Inventions—illustrative of the agents which human ingenuity brings to bear upon the products of nature.

*Section III.*—Manufactures—illustrative of the result produced by the operation of human industry upon natural produce. Designs for Manufactures are to be admitted in the same section with the class of articles for which they are proposed.

*Section IV.*—Sculpture, Models, and the Plastic Arts generally—illustrative of the taste and skill displayed in such applications of human industry. Articles belonging to one section may be admitted to another, where they may be considered necessary, but in such cases for illustration only.

#### CHIEF POWERS OF EUROPE.

DATE OF BIRTH AND ACCESSION OF THE PRESENT RULERS.

State.	Title of Ruler.	Birth.	Date of Accession.
Austria .. ..	Francis Joseph I. .. .	18 Aug. 1830	2 Dec. 1848
Baden .. ..	Gr. Du. Chas. Leop. Fred.	29 Aug. 1790	30 Mar. 1830
Bavaria .. ..	King Maximilian II. .. .	28 Nov. 1811	21 Mar. 1848
Belgium .. ..	King Leopold Geo. Fred.	10 Dec. 1790	21 July 1831
Britain, Great	Queen Victoria .. .	24 May 1819	20 June 1837
Denmark .. ..	King Frederick VII. .. .	6 Oct. 1808	20 Jan. 1848
France .. ..	Pres. Louis Napoleon.	20 Apr. 1804	20 Dec. 1848
Greece .. ..	King Otho .. .	1 June 1815	6 Feb. 1833
Hanover .. ..	King Ernest .. .	5 June 1771	20 June 1837
Netherlands ..	King William III. .. .	19 Feb. 1817	17 Mar. 1849
Poland (New Kingdom) is a Vice-Regality of Russia			
Papedom .. ..	Pius IX. .. .	13 May 1792	16 June 1846
Portugal .. ..	Queen Maria da Gloria ..	4 Apr. 1819	2 May 1826
Prussia .. ..	King Fred. William IV. ..	15 Oct. 1795	7 June 1840
Russia .. ..	Emperor Nicholas .. .	7 July, 1796, O.S. 1	Dec. 1825, O.S.
Sardinia .. ..	King Victor Emanuel .. .	14 Mar. 1820	27 Mar. 1849
Saxony .. ..	Frederick Augustus .. .	22 May 1797	6 June 1836
Spain .. ..	Queen Isabella II. .. .	10 Oct. 1830	29 Sept. 1833
Sweden & Norway	King Oscar .. .	4 July 1799	8 Mar. 1844
Switzerland ..	(A Republic.)		
Turkey .. ..	Abdul Medjid, Sultan .. .	6 May 1822	30 June 1839
Tuscany .. ..	Grand Duke Leopold II. ..	3 Oct. 1797	18 June 1824
Two Sicilies ..	Ferdinand II. .. .	12 Jan. 1810	8 Nov. 1830
Wurttemberg ..	King William .. .	27 Sept. 1781	30 Oct. 1816

#### THE QUEEN AND ROYAL FAMILY.

**THE QUEEN.**—VICTORIA, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith, was born May 24th, 1819; succeeded to the throne, June 20th, 1837, on the death of her uncle, King William IV.; crowned, June 28th, 1838, and married, February 10th, 1840, to his Royal Highness Prince Albert. Her Majesty is the only daughter of his late Royal Highness Edward Duke of Kent, son of King George III.

His Royal Highness Francis-Albert-Augustus-Charles-Emanuel-Busici, DUKE OF SAXE, PRINCE OF COBURG AND GOTHA, K.G., Consort of her Majesty, born August 26th, 1819.

Her Royal Highness Victoria-Adelaide-Mary-Louisa, PRINCESS ROYAL, born November 21st, 1840.

His Royal Highness Albert-Edward, PRINCE OF WALES, born November 9th, 1841.

Her Royal Highness Alice-Maud, born April 25th, 1843.

His Royal Highness Alfred-Ernest-Albert, born August 6th, 1844.

Her Royal Highness Princess Helena-Augusta-Victoria, born May 25, 1846.

Her Royal Highness Princess Louisa-Carolina-Alberta, born March 18, 1848.

His Royal Highness Arthur-William-Patrick-Albert, born May 1, 1850.

Ernest-Augustus, DUKE OF CAMBERLAND, in Great Britain, and KING OF HANOVER, uncle to her Majesty, born June 5th, 1771; married, August 29th, 1815. Issue, George-Frédéric.

George-Frédéric-William-Charles, K.G., DUKE OF CAMBERIDGE, cousin to her Majesty, born March 26th, 1819.

MARY, Aunt to her Majesty, born April 25th, 1776; married, July 22nd, 1816, her cousin, the Duke of Gloucester, deceased.

Victoria-Mary-Louisa, DUCHESS OF KENT, born August 17th, 1786; married, in 1818, the Duke of Kent (who died January 23rd, 1820); her Majesty's mother.

Augusta-Wilhelmina-Louisa, DOWAGER DUCHESS OF CAMBERIDGE, niece of the Landgrave of Hesse, born July 25th, 1795; married, in 1818, the late Duke of Cambridge, by whom she has issue, George-William, Augusta-Caroline, and Mary-Adelaide.

George-Frédéric-Alexander-Charles-Ernest-Augustus, K.G., only child of the King of Hanover, Prince Royal of Hanover, cousin to her Majesty; born May 27th, 1819; married, February, 1843, Princess Mary of Sax-Altenberg, and has a son.

Augusta-Caroline-Charlotte-Elizabeth-Mary-Sophia-Louisa, daughter of the late Duke of Cambridge, and cousin to her Majesty, born July 19th, 1822; married, June 28th, 1843, Frederick, Hereditary Grand Duke of Mecklenburg-Strelitz.

Mary-Adelaide-Wilhelmina-Elizabeth, daughter of the late Duke of Cambridge, and cousin to her Majesty, born November 27th, 1832.

#### THE QUEEN'S HOUSEHOLD.

Lord Great Chamberlain .. ..	Lord Willoughby D'Eresby
Lord Steward .. ..	Marquis of Westminster
Lord Chamberlain .. ..	Marquis of Bredalbane, K.T.
Vice-Chamberlain .. ..	Lord E. Howard
Master of the Horse .. ..	Duke of Norfolk
Clerk Marshal and Chief Equerry ..	Lord Alfred Paget
Treasurer of the Household .. ..	Lord Marcus Hill
Comptroller of the Household .. ..	Right Hon. W. S. Lascelles
Lord High Almoner .. ..	Bishop of Oxford
Sub-Almoner .. ..	Rev. G. Goodenough, D.D.
Clerk of the Closet .. ..	Bishop of Chester
Master of the Buckhounds .. ..	Earl of Bessborough
Comptroller of Accounts .. ..	Sir William Martins
Master of the Household .. ..	Major-General Bowles
Captain of the Yeomen of the Guard ..	Marquis of Donegal
Captain of Gentlemen-at-Arms .. ..	Lord Foley
Lords in Waiting .. ..	Earl of Listowel, Lord Camoys, Lord Waterpark, Lord Elphinstone, Earl of Morley, Lord Byron, Lord Dufferin, Marquis of Ormonde
Mistress of the Robes .. ..	The Duchess of Sutherland
Ladies of the Bedchamber .. ..	Countess of Mount-Edgcumbe, Marchioness of Douro, Countess of Desart, Countess of Gainsboro', Countess of Charlemont, Viscountess Jocelyn, Viscountess Canning, Lady Portman
Extra Lady of the Bedchamber .. ..	Duchess of Norfolk
Physicians .. ..	Charles Locock, M.D., Sir James Clark, Bart., and W. F. Chambers, M.D.
Surgeons .. ..	Sir B. Brodie, Bart., and R. Keate, Esq.

#### HER MAJESTY'S MINISTERS.

##### OF THE CABINET.

First Lord of the Treasury (Premier) ..	Lord John Russell
Lord Chancellor .. ..	Lord Truro
Lord President of the Council .. ..	The Marquis of Lansdowne
Lord Privy Seal .. ..	The Earl of Minto
Secretaries of State .. ..	Home .. Sir George Grey, Bart.
	Foreign .. Lord Palmerston
	Colonial .. Earl Grey
Chancellor of the Exchequer .. ..	The Rt. Hon. Sir Charles Wood
President of the Board of Control .. ..	Sir J. C. Hobhouse
President of the Board of Trade .. ..	Rt. Hon. H. Labouchere
First Lord of the Admiralty .. ..	The Right Hon. Sir F. Baring, Bart.
Chancellor of the Duchy of Lancaster ..	Earl of Carlisle
Chief Commissioner Woods and Forests ..	Lord Seymour
Postmaster-General .. ..	The Marquis of Clanricarde

##### IRELAND.

Lord Lieutenant .. ..	The Earl of Clarendon
Lord Chancellor .. ..	The Right Hon. M. Brady
Chief Secretary .. ..	The Right Hon. Sir W. Somerville, Bart.
Attorney-General .. ..	John Hatchell, Esq.
Solicitor-General .. ..	Henry George Hughes, Esq.

##### SCOTLAND.

Lord High Constable .. ..	The Earl of Errol
Lord Privy Seal .. ..	Viscount Melville
Lord Advocate .. ..	Right Hon. A. Rutherford



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## GOVERNMENT OFFICES AND OFFICERS.

### TREASURY,

#### WHITEHALL.

##### LORDS COMMISSIONERS.

Lord J. Russell, Sir Chas. Wood, Bart.,  
H. Rich, Esq., R. M. Bellow, Esq., Sir  
W. G. Craig  
Secretaries, the Right Hon. W. G. Hay-  
ter, G. C. Lewis, Esq.  
Assistant Secretary, Sir C. E. Trevelyan,  
K.C.B.  
Principal Clerk, S. R. Leake, Esq.  
Solicitor, G. Maule, Esq.

### EXCHEQUER,

#### WHITEHALL-YARD.

Chancellor, the Right Hon. Sir Charles  
Wood, Bart.  
Comptroller, Lord Montague  
Assistant, A. Eden, Esq.  
Chief Clerk, F. F. Otley, Esq.  
Accountant, G. S. Frederick, Esq.

### HOME OFFICE,

#### WHITEHALL.

Secretary of State, Sir George Grey, Bart.  
Under-Secretaries, H. Waddington, Esq.,  
the Hon. E. P. Bouvier, M.P.  
Chief Clerk, H. J. Knyvet, Esq.  
Private Secretary, H. Brand, Esq.

### FOREIGN OFFICE,

#### DOWNING-STREET.

Secretary of State, Lord Palmerston  
Under-Secretaries, Lord Eddisbury, H.  
U. Addington, Esq.  
Chief Clerk, G. L. Conyngham, Esq.  
Private Secretary, the Hon. Spencer  
Ponsonby

### COLONIAL OFFICE,

#### DOWNING STREET.

Secretary of State, Earl Grey  
Under-Secretaries, B. Hawes, Esq.,  
M.P., H. Merivale, Esq.  
Assistant Secretary, T. F. Elliot, Esq.  
Chief Clerk, Peter Smith, Esq.  
Private Secretary, the Hon. H. C. Grey.

### IRISH OFFICE,

18, GREAT QUEEN-STREET, WESTMINSTER.  
Chief Secretary, the Right Hon. Sir W.  
M. Somerville, Bart.  
Chief Clerk, George Trundle, Esq.  
Assistant, Hon. S. D. Montague  
Private Secretary, H. Meredyth, Esq.  
Counsel, E. Batty, Esq.

### BOARD OF TRADE,

#### WHITEHALL.

President, the Rt. Hon. H. Labouchere  
Vice-President, Earl Granville. The  
Archbishop of Canterbury, the Cab-  
inet Ministers, and the Right Hon. C.  
Arbuthnot.  
Secretaries, G. R. Porter, Esq., J. Booth,  
Esq.

Secretaries, Assistants, H. Hobart, Esq.,  
J. P. Ward, Esq.  
Private Secretary to the President, T.  
Baring, Esq.

### BOARD OF CONTROL,

#### CANNON-ROW, WESTMINSTER.

President, Sir J. Cam Hobhouse, Bart.,  
and the Cabinet Ministers  
Secretaries, James Wilson, Esq., M.P.,  
the Hon. John Elliot  
Private Secretary, A. Hobhouse, Esq.  
Solicitor, R. Groom, Esq.

### POOR-LAW BOARD,

#### 1 AND 2, SOMERSET-PLACE.

Commissioners, the Lord President of  
the Council, the Lord Privy Seal, the  
Secretary of State for the Home De-  
partment, the Chancellor of the Ex-  
chequer.

President, the Right Hon. Mathew  
Talbot Baines.  
Secretaries, George Nicholls, Esq., C.B.,  
Lord Ebrington, M.P.

Assistant Secretaries, William Golden  
Lumley, Esq., Barrister-at-Law, and  
H. Fleming, Esq.

Inspectors, Edward Gulson, Esq., W. H.  
Toovey Hawley, Esq., Richard Hall,  
Esq., Barrister-at-Law, Robert Weale,  
Esq., Sir J. James Walsham, Bart.,  
Alfred Austin, Esq., Barrister-at-Law,  
G. G. Wandisford Pigott, Esq., J. T.  
Graves, Esq., Barrister-at-Law, An-  
drew Doyle, Esq., Barrister-at-Law,  
J. Manwaring, Esq., H. B. Farnall, Esq.,  
E. Hurst, Esq., Viscount Courtney.

Private Secretary to the President, Geo.  
Buller, Esq.

First Clerk, Mr. Francis Fletcher  
Board Clerk and Accountant, Mr. Hugh  
Owen

### ADMIRALTY,

#### WHITEHALL.

Lords Commissioners, Sir Francis  
Baring, Rear-Admiral Dundas, Capt.  
the Hon. F. Berkeley, Capt. Houston  
Stewart, the Hon. Wm. Cowper, Capt.  
Milne

Secretaries, John Parker, Esq., M.P.,  
Capt. W. A. B. Hamilton, R.N.  
Private Secretary, Capt. Charles Eden  
Chief Clerk, J. H. Hay, Esq.  
Hydrographer, Admiral Sir F. Beaufort  
Assistant, M. Walker, Esq.

### CIVIL DEPARTMENT, SOMERSET HOUSE.

Inspector-General, Sir W. Burnet  
Director-General of Works, Col. Greene  
Storekeeper, Hon. R. Dundas  
Surveyor and Comptroller of Steam  
Department, Sir B. Walker

Assistant Surveyor, J. Edye, Esq.  
Chief Engineer, J. T. Lloyd, Esq.  
Chief Clerks, J. M. Boddy, J. C. Parkin,  
W. Leyburn, B. Fosset, Wm. Scamp,  
Esqs.

Accountant, J. T. Briggs, Esq.  
Deputy Accountant, O. B. Woolsey, Esq.  
Victualling, J. Meek, Esq.

### ROYAL OBSERVATORY,

#### GREENWICH.

Astronomer Royal, G. B. Airy, Esq., M.A.  
D.C.L., F.R.S., P.R.A.S., &c.  
First Assistant, Rev. R. Main, M.A.,  
F.R.A.S.

### ASTRONOMICAL DEPARTMENTS.

Circle Superintendent, J. Henry, Esq.  
Transit Superintendent, T. Ellis, Esq.  
Altitude and Azimuth, E. Dunkin, Esq.,  
F.R.A.S.

### MAGNETICAL AND METEOROLOGICAL

#### DEPARTMENT.

Superintendent, James Glaisher, Esq.,  
F.R.S., F.R.A.S., S. c. of B.M.S.

### ROYAL HOSPITAL FOR SEAMEN,

#### GREENWICH.

Governor, Admiral Sir Charles Adam,  
K.C.B.  
Lieutenant-Governor, Rear-Admiral Sir  
James Alexander Gordon, K.C.B.

Captains, G. Mounbray, T. Dickenson,  
T. L. P. Laughton, W. Cuppage.  
Commanders, C. Robinson, W. C. C.  
Dallwell, T. Coiby, E. W. Garrett.

Lieutenants, F. Bedford, W. Rivers, M.  
Fitton, J. W. Rouse, D. O'Brien Ca-  
sey, B. J. Loveless, J. Dornford, G.  
M. Monk.

Masters, T. Penrose, H. Smartley.  
Chaplains, Rev. J. K. Goldney, Rev. E.  
Kitson

Medical Inspector of Hospitals, Sir John  
Liddell, M.D.  
Deputy Medical Inspector of Hospitals,  
Alexander Nisbet, M.D.

Surgeon, James M'Nernan  
Dispenser, J. Whitmarsh.  
Assisting Dispenser, A. Yair.

Assistant Surgeons, N. Lyttelton, W.  
T. Donville, V. C. Clarke, R. Beith.

### CIVIL DEPARTMENT.

Commissioners, the Earl of Granville  
(Paymaster-General), Lord Seymour,  
R. Adm. Sir H. Hart, K.C.H.,  
R. Adm. Sir W. O. Pell, G. Tierney,  
Esq.

Secretary, J. A. Lethbridge, Esq.

### ROYAL HOSPITAL SCHOOLS,

#### GREENWICH.

Superintendent, Lieut. John W. Rouse  
Chaplain, Rev. Geo. Fisher, M.A., F.R.S.  
Head Master of the Nautical School, E.  
Riddle, Esq., F.R.A.S.

Head Master of Upper School, Rev. J.  
Hill, M.A.

Head Master of Lower School, E.  
Hughes, Esq.

### BOARD OF ORDNANCE,

#### 86, PALL MALL.

Master-General, Marquis of Anglesey.  
Surveyor-General, Major-Gen. Fox.  
Clerk, Col. Hon. G. Anson.  
Storekeeper, Capt. Sir Thomas Has-  
tings, K.N.

Secretary to the Master-General, Lord  
C. Paget.

Aide-de-Camp, Major H. W. Paget.

### PAYMASTER-GENERAL'S OFFICE,

#### WHITEHALL.

Paymaster-General, Earl Granville.  
Assistant Paymaster-General, W. G.  
Anderson, Esq.

Chief Clerks, T. Morris, J. Perrior,  
and H. A. Harrison, Esqs.

### COMMANDER-IN-CHIEF'S OFFICE,

#### HORSE-GUARDS.

Commander-in-Chief, Duke of Wellin-  
ton  
Private Secretary, A. Greville, Esq.  
Military Secretary, Lieut.-General Lord  
F. Somerset

Aides-de-Camp, Colonel Hon. C. Anson,  
Colonel Marquis of Douro, Capt.  
Earl of March, Captain Marquis of  
Worcester

Assistants to Military Secretary, F. H.  
Lindsay, Esq., F. Fergusson, Esq.

### ADJUTANT-GENERAL'S OFFICE,

#### HORSE-GUARDS.

Adjutant-General, Major-General G.  
Brown, C.B.  
Deputy, Col. Wetherall, C.B.  
First Clerk, Richard Cannon, Esq.  
Confidential Clerk, E. G. Syms, Esq.

### QUARTER-MASTER GENERAL'S

#### OFFICE,

#### HORSE-GUARDS.

Quarter-Master General, General Sir J.  
W. Gordon  
Assistant, Colonel J. Freeth  
Deputy, Major Enoch  
First Clerk, T. Marsh, Esq.  
Confidential Clerk, J. O'Neil, Esq.

### LAW OFFICERS OF THE CROWN.

Attorney-General, Sir J. Romilly.  
Solicitor-General, Sir A. J. E. Cockburn.

### ADMIRALTY COURT,

#### 2, PAUL'S BAKEHOUSE-COURT, DOCTORS'

#### COMMONS.

Judge, Rt. Hon. S. Lushington, D.C.L.  
Dean of the Arches, the Right Hon. Sir  
Herbert Jenner Fust.

Registrar, H. B. Swabey, Esq.  
Queen's Advocate, Sir J. Dodson, LL.D.  
Admiralty Adv., J. Phillimore, D.C.L.  
Queen's Proctor, F. H. Dyke, Esq.  
Admiralty Proctor, W. Townsend, Esq.

### JUDGE ADVOCATE-GENERAL'S

#### OFFICE,

#### 35, GREAT GEORGE-ST., WESTMINSTER.

Judge Advocate-General, the Right Hon.  
Sir David Dundas, M.P.  
Deputy, Francis Newman Rogers, Esq.,  
Q.C.

Chief Clerk, William Henry Hughes,  
Esq.

Second Clerk, Jonathan Scollick, Esq.  
Third Clerk, Robert Champneys Mun-  
dell, Esq.

### WAR OFFICE,

#### WHITEHALL.

Secretary at War, Rt. Hon. Fox Maule  
Deputy, L. Sullivan, Esq.  
Chief Examiner, R. C. Kirby, Esq.  
First Clerk, J. Borrow, Esq.  
Private Secretary, G. D. Ramsay, Esq.

### WOODS AND FORESTS,

#### 2, WHITEHALL-PLACE.

Commissioners, Lord Seymour, the Hon.  
C. A. Gore, and the Right Hon. T. F.  
Kennedy

### RANGERS, KEEPERS, &c.

Windsor Great Park, Prince Albert.  
Hyde Park { His Grace the Duke  
St. James's Park { of Wellington.  
Richmond Park, H.R.H. the Duchess  
of Gloucester.

Greenwich Park, the Earl of Aberdeen.  
Hampton Court, Lady Bloomfield.  
Whitebury Forest, Duke of Grafton  
Waltham Forest, Earl of Mornington.  
Wychwood Forest, Lord Churchill.  
Dean Forest, Lord Seymour.

### QUEEN'S MINT,

#### LITTLE TOWER-HILL.

Master Worker, R. L. Sheil, Esq.  
Deputy, Capt. Harness  
Comptroller, W. H. Barton, Esq.  
Chief Engraver, Wm. Wyon, Esq.  
Assistant, Leonard Wyon, Esq.  
Chief Medallist, B. Pistrucci, Esq.  
Assayer, H. Bingley, Esq.

### STATE PAPER OFFICE,

#### 12, DUKE-STREET, WESTMINSTER.

Keeper, Right Hon. H. Hobhouse  
Deputy, C. Lechmere, Esq.  
Chief Clerk, R. Lemon, Esq.

### PRIVY SEAL,

#### 28, ABINGDON-STREET, WESTMINSTER.

Lord Privy Seal, Earl of Minto  
Private Secretary, Hon. C. J. B. Elliot  
Chief Clerk, J. G. Donne, Esq.  
(By Patent) R. Eden, Esq.

Keeper of Records, R. Eden, Esq.  
Clerk, W. Goodwin, Esq.

### SIGNET OFFICE,

#### 28, ABINGDON-STREET.

Keepers of the Signet, the Secretaries  
of State.  
Chief Clerks, Rev. W. H. E. Bentinck,  
C. S. Grey, Esq.

Deputy, H. D. Scott, Esq.  
Keeper of the Records, H. W. Sanders,  
Esq.

### TITHE COMMISSION,

#### 9, SOMERSET PLACE.

W. Blamire, Esq., T. W. Buller, Esq.,  
Rev. Richard Jones, M.A.  
REGISTRAR OF DESIGNS OFFICE,

#### 4, SOMERSET-PLACE.

Registrar, Clement Johnson, Esq.  
Assistant Registrar, Hon. E. C. Curzon  
Chief Clerk, J. Hill Bowen, Esq.

### COLONIAL LAND AND EMIGRA- TION COMMISSIONERS,

#### 9 AND 15, PARK-STREET, WESTMINSTER.

T. W. Clinton Murdoch, Esq., Charles  
Alex. Wood, Esq., Fredk. Rogers, Esq.  
Secretary, S. Walcott, Esq.

### CUSTOM HOUSE.

Chairman, Sir Thomas Fremantle.  
Deputy, the Right Hon. G. R. Dawson.  
Commissioners, H. Richmond, Esq., S.  
G. Lushington, Esq.,—T. P. Dicken-  
son, Esq., F. Goulburn, Esq., C. C.  
Smith, Esq., Capt. Saurin, Hon. S. E.  
Spring Rice

Secretary, W. Maclean, Esq.  
Assistant, — Gardner, Esq.  
Receiver-General, Sir F. Doyle  
Comptroller-General, W. Dickinson, Esq.  
Solicitor, — Hammill, Esq.

### INLAND REVENUE OFFICES.

#### EXCISE DEPARTMENT, BROAD-STREET,

#### CITY; STAMP AND TAX DEPART-

#### MENT, SOMERSET HOUSE.

Chairman, John Wood, Esq.  
Deputy Chairman, J. Thornton, Esq.  
Commissioners, Hart Davis, Charles  
Powlett Rushworth, Thomas Harrison,  
Henry Frederick Stephenson,  
Charles John Herries, Alfred Mont-  
gomery, Charles Pressly, Esqs.

Secretary, J. C. Freeling, Esq.

Assistant Secretary, T. Keogh, Esq.

Solicitor, Joseph Timm, Esq.

Assistant Solicitor, Hugh Tilsley, Esq.

Receiver-General, W. F. Thornton, Esq.

Comptroller of Legacy Duties, Charles  
Trevor, Esq.

### METROPOLIS ROADS,

#### 22, WHITEHALL-PLACE.

Secretary, J. L. Panter, Esq.  
Surveyor-General, Sir Jas. M'Adam.  
Accountant, V. C. Wright, Esq.  
Inspector, H. Browne, Esq.  
Solicitor, J. W. Lyon, Esq.

### OFFICE OF METROPOLITAN

#### BUILDINGS,

#### 6, ADELPHI-TERRACE.

Official Referees, W. Hosking, Esq., A.  
Poynter, Esq., J. Shaw, Esq.  
Registrar, A. Symonds, Esq.

Examiners, Philip Hardwicke, Esq., J.  
Pennethorne, Esq., T. Cubitt, Esq.

### GENERAL REGISTER OFFICE,

#### 7 AND 8, SOMERSET-PLACE, SOMERSET

#### HOUSE.

Reg.-General, George Graham, Esq.  
Chief Clerk, Thomas Mann, Esq.

### STATISTICAL DEPARTMENT.

Superintendent, William Farr, Esq.

### RECORD DEPARTMENT.

First Clerk, Edward Edwards, Esq.

Assistant, William Owen, Esq.

### CORRESPONDENCE DEPARTMENT.

First Clerk, George Sowray, Esq.

### ACCOUNTANT'S DEPARTMENT.

First Clerk, Charles Henry Anderson,  
Esq.

### RAILWAY BOARD,

#### BOARD OF TRADE, WHITEHALL.

Commissioners, the Right Hon. H. La-  
bouchere (President), Earl Granville,  
Right Hon. Sir E. Ryan,  
Secretary, Capt. Symons.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## CITY OFFICERS.

### LORD MAYOR.

Elected September 29th—Sworn in November 9th.  
The Right Honourable JOHN MUSGRAVE, Broad-street.

### SHERIFFS.

Elected 24th June—Sworn in 28th September.  
Robert Walter Carden, Esq., Alderman. | George E. Hodgkinson, Esq.

### UNDER-SHERIFFS.

Henry Ellis, Esq. | H. S. Law, Esq.

### ALDERMEN.

THE FOLLOWING HAVE NOT PASSED THE CHAIR.

	When chosen
Hunter, William, Esq., Coleman-street	.. .. 1843
Challis, Thomas, Esq., Cripplegate	.. .. 1843
Sidney, Thomas, Esq., M.P., Billingsgate	.. .. 1844
Moon, F. G., Esq., Portsoken	.. .. 1844
Salomons, David, Esq., Cordwainer	.. .. 1848
Finnis, Thomas Quesed, Esq., Tower	.. .. 1848
Lawrence, William, Esq., Bread-street	.. .. 1848
Carden, Robert Walter, Esq., Dowgate	.. .. 1849

THE FOLLOWING HAVE PASSED THE CHAIR.

	When chosen
Hunter, Sir. C. S., Bart., Bridge Without	.. .. 1804
Thompson, W., Esq., M.P., Cheap	.. .. 1821
Key, Sir John, Bart., Langbourn	.. .. 1823
Laurie, Sir Peter, Knt., Aldersgate	.. .. 1826
Farebrother, C., Esq., Lime-street	.. .. 1826
Copeland, W., Esq., M.P., Bishopsgate	.. .. 1829
Kelly, T., Esq., Farringdon Within	.. .. 1830
Wilson, Samuel, Esq., Castle Baynard	.. .. 1831
Marshall, Sir C., Knt., Bridge Within	.. .. 1832
Pirie, Sir John, Bart., Cornhill	.. .. 1834
Humphery, J., Esq., M.P., Aldgate	.. .. 1835
Magray, Sir William, Bart., Vintry	.. .. 1836
Gibbs, Michael, Esq., Walbrook	.. .. 1838
Carroll, Sir George, Candlewick	.. .. 1840
John K. Hooper, Esq., Queenhithe	.. .. 1840
Sir James Duke, M.P., Farringdon Without	.. .. 1840
Thomas Farncombe, Esq., Bassishaw	.. .. 1841

## EAST INDIA COMPANY.

Six Directors are elected annually in April, when six go out by rotation. Each Director serves four years. The figure prefixed denotes the number of years each has to serve.

### DIRECTORS.

- |   |   |
|---|---|
| (2) CHAIRMAN—John Shepherd, Esq., 5, Great Cumberland-place.                | (4) Martin Tucker Smith, Esq., M.P.     |
| (3) DEPUTY CHAIRMAN—Sir James Weir Hogg, Bart., M.P., 16, Grosvenor-square. | (3) Lieut.-Col. William Henry Sykes.    |
| (4) William Wigram, Esq.  | (4) Elliot Macnaghten, Esq.             |
| (3) Sir Robert Campbell, Bart.  | (2) Major James Oulphant                |
| (1) John Masterman, Esq., M.P.  | (3) John Clarmont Whiteman, Esq.        |
| (4) John Petty Muspratt, Esq.   | (2) Hon. Wm. Henry Leslie Melville.     |
| (4) Henry Alexander, Esq.   | (1) Revs Donnelly Mangles, Esq., M.P.   |
| (2) Lieutenant-General Sir James Law  | (2) Major-General James Caulfield, C.B. |
| Lushington, G.C.B.  | (3) William Joseph Eastwick, Esq.       |
| (4) George Lyall, Esq.  | (1) Major John Arthur Moore             |
| (1) Russell Ellice, Esq.  | (2) Henry Thoby Prinsep, Esq.           |
| (1) Sir Richard Jenkins, G.C.B.   |   |
| (1) William Butterworth Bayley, Esq.  |   |
| (3) Sir Henry Willock, K.L.S.   |   |

THE FOLLOWING GENTLEMEN ARE OUT BY ROTATION.

John Cotton, Esq.	W. H. Chicheley Plowden, Esq., M.P.
John Loch, Esq.	Henry Shank, Esq.
Charles Mills, Esq.	Henry St. George Tucker, Esq.

## BANK OF ENGLAND.

GOVERNOR—H. J. Prescott, Esq.—DEPUTY GOVERNOR—T. Hankey, Jun., Esq.  
DIRECTORS.

Henry Hulse Berens, Esq.	John Gellibrand Hubbard, Esq.
Arthur Edward Campbell, Esq.	Thomas Newman Hunt, Esq.
Edward Henry Chapman, Esq.	Charles Frederick Huth, Esq.
Robert Wigram Crawford, Esq.	Alfred Latham, Esq.
William Cotton, Esq.	James Malcolmson, Esq.
Bonamy Dobree, Esq.	James Morris, Esq.
Benjamin Buck Greene, Esq.	Sheffield Neave, Esq.
Charles Pascoe Grenfell, Esq.	George Warde Norman, Esq.
John Oliver Hanson, Esq.	John Horsley Palmer, Esq.
John Benjamin Heath, Esq.	Sir John Henry Pelly, Bart.
Kirkman Daniel Hodgson, Esq.	William Thompson, Esq., Alderman.
Henry Lancelot Holland, Esq.	Thomas Tooke, Junior, Esq.

## LAW COURTS.

CHANCERY.—Lord High Chancellor, Lord Truro. Master of the Rolls, Lord Langdale. Vice-Chancellors: Sir James K. L. Bruce, Sir Robert M. Rolfe.  
QUEEN'S BENCH.—Lord Chief Justice, Lord Campbell. Judges, Sir John Patteson, Sir John T. Coleridge, Sir Wm. Wightman, Sir Wm. Erle.  
COMMON PLEAS.—Lord Chief Justice, Sir John Jervis. Judges, Sir Wm. Hen. Maule, Sir C. Cresswell, Sir Edw. Vaughan Williams, Sir Thos. N. Talfourd.  
EXCHEQUER.—Lord Chief Baron, Sir Frederick Pollock. Barons, Sir James Park, Sir Edw. H. Alderson, Sir Thomas J. Platt, Sir Samuel Martin.

## COURT OF BANKRUPTCY.

London.—Joshua Evans, Esq., Robert George Cecil Fane, Esq., Henry John Shepherd, Esq., Edward Goulburn, D.C.L., Serjeant-at-Law, John Samuel Martin Fonblanque, Esq., Edward Holroyd, Esq.  
Birmingham.—John Bagnay, Q.C., Esq., and Edmund Robert Daniell, Esq.  
Liverpool.—Ebenezer Ludlow, Esq., Serjeant, and H. J. Perry, Esq.  
Manchester.—Walter Skirrow, Esq., and Wm. Thos. Jemmett, Esq.  
Leeds.—Martin John West, Esq., and W. S. Ayrton, Esq.  
Bristol.—H. J. Stephen, Esq. Serjeant, and Richard Stevenson, Esq.  
Exeter.—Montague Baker Dere, Esq.  
Newcastle.—N. Ellison, Esq.

## COMMERCIAL COMPANIES.

SOUTH SEA COMPANY, Threadneedle-street.—Governor, Charles Bosanquet, Esq.—Sub-Governor, C. Franks, Esq.—Dep.-Gov., Hon. P. P. Bouverie. Officers: Cashier, J. T. Viner, Esq. Sec., C. F. Gibson, Esq. Accountant, W. R. Arnold, Esq. Chief Clerk in Transfer Office, John Jesse, Esq. Solicitor, Henry Wordsworth, Esq.  
EASTLAND COMPANY, 25, Birchin-lane.—Governor, Stephen Thornton, Esq.—Dep.-Gov., J. Cattley, Esq.—Treasurer, Hon. J. T. L. Melville, Esq. Sec., Thomas Cope, Esq.  
RUSSIA COMPANY, 25, Birchin-lane.—Gov., Thomas Tooke, Esq.—Consuls, John Thornton, Henry Cayley, Thos. Tooke, Jun., S. E. Thornton, Esqrs.—Secretary, T. Cope, Esq.  
HUDSON'S BAY COMPANY, Fenchurch-street.—Gov., Sir J. H. Pelly, Bart.—Dep.-Gov., Andrew Colville, Esq.—Sec., Arch. Barclay, Esq.—Assistant Sec., Wm. Smith, Esq.  
CANADA COMPANY.—Governor, Charles Franks, Esq.—Dep.-Governor, Jas. Mackillop, Esq.—Sec., John Perry, Esq.  
LONDON DOCK COMPANY.—House, New Bank Buildings.—Chairman, J. Cattley, Esq.—Sec., J. D. Powles, Esq.  
ST. K. ATHERINE'S DOCK COMPANY.—House, St. Katherine's Docks.—Chairman, Thos. Tooke, Esq.—Sec., Sir J. Hall, K.C.H.  
EAST AND WEST INDIA DOCK COMPANY.—House, No. 8, Billiter-square. Chairman, John Scott, Esq.—Dep. Chairman, E. M. Daniel, Esq.  
COMMERCIAL DOCK COMPANY.—House, 106, Fenchurch-street.—Chairman, Nat. Gould, Esq.—Sec., H. K. Smithers, Jun., Esq.  
GRAND STURRY DOCK COMPANY.—Office, 2, White Lion-court, Cornhill.—Chairman, Josiah Wilson, Esq.—Dep. Chairman, William Curling, Esq. Sec., William McCannon, Esq.

## BANKERS IN LONDON.

Agra and United Service, 15, Old Jewry Chambers.  
Bank of Australia, 8, Austin Friars.  
British North America, 7, St. Helen's-place.  
Ceylon, 72, Old Broad-street.  
South Australia, 54, Old Broad-street.  
Barclay, Bevan, Tritton, and Co., 54, Lombard-street.  
Barnard, Barnard, and Dimsdale, 50, Cornhill.  
Barnet, Hoares, and Co., 62, Lombard-street.  
Bosanquet, Franks, and Whatman, 73, Lombard-street.  
Bouverie, Norman, and Murdoch, 11, Haymarket.  
British Colonial, 50, Moorgate-street.  
Brown and Co., 25, Abchurch-lane.  
Brown, Janson, and Co., 32, Abchurch-lane.  
Call (Sir W. P. Bart.), Marten, and Call, 25, Old Bond-street.  
Child and Co., 1, Fleet-street.  
Cockrell and Co., 8, Austin Friars.  
Cocks, Biddulph, and Co., 43, Charing Cross.  
Colonial Bank, 13, Bishopsgate Within.  
Commercial Bank of London, Lothbury, and 6, Henrietta-street.  
Coutts and Co., 59, Strand.  
Cunliffe, Brooks, and Co., 24, Lombard-street.  
Cunliffe (Roger), 24, Bucklersbury.  
Curries and Co., 29, Cornhill.  
De Lisle, Janyrin, and Co., 16, Devonshire-square, Bishopsgate.  
Denison, Heywood, Kennards, and Co., 4, Lombard-street.  
Dixon, Brooks, and Dixon, 25, Chancery-lane.  
Drewett and Fowler, Princess-street, Bank.  
Drummonds, 49, Charing-cross.  
East India Bank, 64, Moorgate-street.  
Feltham (John) and Co., 42, Lombard-street.  
Finsbury Bank, 98, Goswell-road.  
Fullers and Co., 66, Moorgate-street.  
Glyn, Hallifax, Mills, and Co., 67, Lombard-street.  
Goslings and Sharpe, 19, Fleet-street.  
Hanburys, Taylor, and Lloyds, 60, Lombard-street.  
Hankeys and Co., 7, Fenchurch-street.  
Harrises, Farquhar, Davidson, Chapman, and Co., 16, St. James's-street.  
Hoares and Co., 37, Fleet-street.  
Hopkinson, Barton, and Co., 3, Regent-street, Waterloo-place.  
Ionian Bank, 6, Great Winchester-street.  
Ireland Agricultural and Commercial, 14, St. Helen's Place.  
Ireland, Nat. Bank of, 13, Old Broad-street.  
Ireland, Prov. Bank of, 42, Old Broad-street.  
Johnston (H. and I.) and Co., 15, Bush-lane.  
Jones, Loyd, and Co., 43, Lothbury; London and Westminster Bank, Lothbury; St. James's-square; 213, Holborn; 12, Wellington-street, Southwark; 87, High-street, Whitechapel; 155, Oxford-street.  
London Joint Stock Bank, 5, Princes-st., Mansion House; and 60, Pall Mall.  
London and County Joint Stock Banking Company, 71, Lombard-street.  
London and Dublin Bank, 5, Old Broad-street.  
Lubbock (Sir John, Bart.), Foster, and Co., 11, Mansion-house-street.  
Martin, Stone, and Martins, 68, Lombard-street.  
Masterman, Peters, Mildred, Masterman, and Co., 35, Nicholas-lane.  
National Provincial Bank of England, 112, Bishopsgate-street Within.  
Pocklington and Lacy, 60, West Smithfield.  
Praed and Co., 189, Fleet-street.  
Prescott, Grote, Cave, and Cave, 62, Threadneedle-street.  
Price, Marryatt, and Co., King William-street, City.  
Pugnet, Bainbridges, and Co., 12, St. Paul's Church-yard.  
Ransom and Co., 1, Pall Mall East.  
Roberts, Curtis, and Co., 15, Lombard-street.  
Rogers, Olding, Sharpe, and Co., 29, Clement's-lane.  
Royal Bank of Australia, 2, Moorgate-street.  
Sapte, Muspratt, Banbury, and Co., 77, Lombard-street.  
Scott (Sir Samuel), Bart. and Co., 1, Cavendish-square.  
Smith, Payne, and Smiths, 1, Lombard-street.  
South Australian, 53, Old Broad-street.  
Spooner, Attwoods, and Co., 27, Gracechurch-street.  
Stevenson, Salt, and Sons, 20, Lombard-street.  
Strahan, Paul, and Paul, 217, Strand.  
Twining (Richard, George, John Aldred, Richard) and Co., 215, Strand.  
Union Bank of Australia, 38, Old Broad-street.  
Union Bank of London, 2, Princes-street, City; 4, Pall Mall East; 4, Argyll-place, Regent-street.  
Williams, Deacon, Labouchere, and Thornton, 20, Birchin-lane.  
Willis, Percival, and Co., 76, Lombard-street.

## CONSULATE AND PASSPORT OFFICES.

AUSTRIA.—Embassy, 7, Chandos-street, Cavendish-square, between 12 and 2.  
BELGIUM.—Legation, 50, Portland-place, between 11 and 3; delivered next day between 11 and 2, gratis; at the Consul's office, 3, Copthall-court, between 10 and 4—fee 5s.  
BAVARIA.—The Minister, 3, Hill-street, Berkeley-square, when personally known to him; or at the Consul's Office, 33, Great St. Helen's.  
BRAZIL.—Legation, 41, York-street, Portman-square, between 12 and 2, gratis.  
DENMARK.—6, Warrford-court, between 10 and 4—fee 10s. 6d.; under special circumstances at the Embassy, 2, Wilton-terrace, Belgrave-square.  
FRANCE.—French passport-office, 47, King William-street, City, from 12 till 4.



**NAPLES AND SICILY.**—Passport-office, 15, Princes-street, Cavendish-square, Mondays and Thursdays, between 10 and 12; delivered following day between 2 and 3, gratis.

**PORTUGAL.**—Embassy, 57, Upper Seymour-street, Portman-square, between 11 and 4, delivered following day; also at Consul's office, 5, Jeffrey's-square, St. Mary-axe, from 10 to 4.

**PRUSSIA.**—106, Fenchurch-street, between 10 and 6—fee 7s.

**RUSSIA.**—2, Winchester-buildings, between 10 and 4; delivered following day—fee 6s. 4d.

### LITERARY AND SCIENTIFIC CORPORATIONS AND INSTITUTIONS.

Ælfrie Society, 177, Piccadilly  
Agricultural Society, Royal, 12, Hanover Square.  
Antiquaries, Royal Society of, Somerset House.  
Apothecaries, Society of, Union Street, Blackfriars.  
Archæological Institute, 12, Haymarket.  
Architects, Royal Institute of, 16, Grosvenor Street.  
Art Union of London, 4, Trafalgar Square.  
Arts, Manufactures, and Commerce, Society for Encouraging, Adelphi.  
Asiatic Society, Royal, 5, New Burlington Street.  
Astronomical Society, Somerset House.  
Botanical Society, 20, Bedford Street.  
British Institution, 52, Pall Mall.  
British Meteorological Society, 13, Moorgate-street.  
Cadogan Literary and Scientific Institution, Sloane Street.  
Camden Society, 25, Parliament Street.  
Church Building Society, 4, St. Martin's Place.  
City of London Literary and Scientific Institution, 165, Aldersgate Street.  
Civil Engineers, Institution of, 25, Great George Street.  
Eastern Literary and Scientific Institution, Commercial Road.  
Entomological Society, 17, Old Bond Street.  
Ethnological Society, 17, Saville Row.  
Geographical Society, Royal, 3, Waterloo Place.  
Geological Society, Somerset Place.  
Harveian Society, 17, Edward Street, Portman Square.  
Horticultural Society, 21, Regent Street.  
Hunterian Society, 4, Bloomsbury Street, Finsbury.  
Law Society, Chancery Lane.  
Linnean Society, 32, Soho Square.  
Literary Fund Society, 73, Great Russell Street.  
London Institution, Finsbury Circus.  
Library, 12, St. James's Square.  
Marylebone Literary and Scientific Institution, 17, Edward St., Portman-sq.

Mechanics' Institution, 29, Southampton Buildings.  
Medical Society of London, Royal, 3, Bolt Court, Fleet Street.  
— and Chirurgical Society, Royal, 53, Berners Street.  
Medico-Botanical Society of London, 32, Sackville Street.  
National Society for Education of the Poor, Sanctuary, Westminster.  
Namismatic Society, 41, Tavistock Street, Covent Garden.  
Percy Society, 100, St. Martin's Lane.  
Physicians, College of, Pall Mall East.  
Royal Academy, Trafalgar Square.  
— of Music, 4, Tenterden Street, Hanover Square.  
— Botanic Society, Regent's Park.  
— Institution, 21, Albemarle Street.  
— Institution of British Architects, 16, Grosvenor Street.  
— Society, Somerset House.  
— Society of Literature, 4, St. Martin's Place.  
Russell Institution, Coram Street, Russell Square.  
Society for Protection of Agriculture, 17, Old Bond Street.  
— the Promotion of Christian Knowledge, 67, Lincoln's Inn Fields.  
— Propagation of the Gospel, 79, Pall Mall.  
Society of British Artists, 64, Suffolk Street, Pall Mall.  
Society of Painters in Water Colours, 5, Pall Mall East.  
— (New), 53, Pall Mall.  
Statistical Society of London, 12, St. James's Square.  
Surgeons, Royal College of, Lincoln's Inn Fields.  
Veterinary College, Royal, College Street, Camden Town.  
Westminster Literary Institution, 6, Great Smith Street.  
— Medical Society, 32, Sackville Street.  
Zoological Society of London, 11, Hanover Square.

### PRINCIPAL PUBLIC AND PRIVATE EXHIBITIONS IN AND NEAR LONDON.

British Museum, Great Russell Street; open Monday, Wednesday, Friday.  
East India Company's Museum, Leadenhall Street; Monday, Thursday, Saturday, by ticket from a Director.  
Society of Arts, Adelphi, open every day except Wednesday.  
Museum of College of Surgeons; Monday, Wednesday, Friday, from 12 till 4, by order of a Member. Tuesdays and Thursdays in May and June, by leaving name and address.  
National Gallery of Pictures, Trafalgar Square; Monday, Tuesday, Wednesday, and Thursday, from 10 to 5.  
Vernon Gallery of Pictures, Marlborough House, Pall Mall, Monday, Tuesday, Wednesday, Thursday, from 10 to 5.  
St. Paul's Cathedral; from 9 till dusk, 2d.  
Soane Museum, 13, Lincoln's Inn Fields; Thursday and Friday, during April, May, and June, from 10 to 4, name and address being left previously.  
Dulwich Picture Gallery, 5 miles S. of London, every day except Friday and Sunday, from 10 to 5 in Summer, and from 11 to 3 in Winter. Tickets gratis, at the principal Printsellers.  
United Service Museum, Middle Scotland Yard; daily, with orders from members.  
Museum of Economic Zoology, Craig's Court, Charing Cross.  
Kew Botanic Gardens, 7 miles from London; every day except Sunday, from 1 to 6.

Entomological Society's Museum, 17, Old Bond Street; from 3 to 8.  
Hampton Court Palace, 13 miles from London; daily, except Friday.  
Windsor Castle; Tuesday, Thursday, and Saturday, from 11 to 4 o'clock from April to October; to 3 o'clock from October to April. Tickets from the principal Printsellers.  
Woolwich Model and Rocket Rooms; daily, from 9 to 12 A.M., and 1 to 4 P.M.  
Tower of London; daily, fee 6d., and extra 6d. for the Jewel Room.  
The Monument, Fish Street Hill; daily, from 10 till dusk, admission 6d.  
Thames Tunnel, Rotherhithe, 1d.  
Zoological Gardens, Regent's Park; admittance 1s., with order from any member.  
Surrey Zoological Gardens, Walworth; 1s.  
Colosseum, Regent's Park; Panorama of London, 1s.; other parts, 1s.  
Diorama, Regent's Park; 1s.  
Panorama, Leicester Square, each View, 1s.  
Royal Academy Paintings, at the National Gallery; open, May, June, and July, 1s.  
Society of British Artists, Pall Mall; April to July, 1s.  
Paintings in Water Colours, Pall Mall East; open in May, 1s.  
British Institution, Pall Mall, select for Old Pictures; from April to July; for Modern Works, from August to October 1s.  
Polytechnic Institution, 309, Regent Street; daily, 1s.

### TRANSFER OF STOCK, &c.

Stock.	Transfer Days.					Hours of Transfer.		Div. Due.			Hours when payable.
	Mo.	Tu.	We.	Th.	Fri.	Jan.	Feb.	Mar.	Apr.	May	
<i>At the Bank.</i>											
Bank Stock, 7 per Cent.						11 to 1	8	8	13		9 to 3
Consolidated 3 per Cent.						11 to 1	8	8	13		
3 per Cent. Reduced ..						11 to 1	8	8	13		9 .. 1
3½ per Cent. Ann. ..						11 to 1	8	8	13		
New 5 per Cent. Ann. ..						11 to 1	8	8	13		and
Long Ann. to Jan., 1860						11 to 1	8	8	13		
Do. 30 years, to Oct., 1859						11 to 1	8	8	13		1 .. 3
3 per Cent., 1751 ..						11 to 1	8	8	13		
<i>At South Sea House.</i>											
3 per Cent. Old Ann. ..						12 to 2	8	8	13		9 .. 2
3 per Cent. New Ann. ..						12 to 2	8	8	13		
3 per Cent., 1751 ..						12 to 2	8	8	13		
<i>East India House.</i>											
Stock, 10½ per Cent. ..						9 .. 2	6	6	12		9 .. 2
Life Annuities, if transferred between Jan. 5 and ..						8 .. 8	8	8	13		Sat. 9 .. 12
April 4, or July 5 and Oct. 9 ..						8 .. 8	8	8	13		
—between April 5 and July 4, or Oct 10 and Jan. 4 ..						8 .. 8	8	8	13		
Interest on India Bonds ..						March 31, Sept. 30					

Tickets for preparing the transfer of stock must be given in at each office before one o'clock. At the India House, before two.

Private transfers may be made at other times than as above, the books not being shut, by paying—At the Bank, India House, and South Sea House, 2s. 6d. extra for each transfer.

Transfers at the Bank and South Sea House must be made by half-past two o'clock. At the India House, by three.

Expense } In Bank Stock, for £25 and under, £0 9s. Above that sum, £0 12s.  
of } India Stock, for £10 .. £1 10s. " " £1 14s.  
Transfer } South Sea Stock, if under £100 9s. 6d. " " £0 12s.

Powers of attorney for the sale or transfer of stock to be left at the Bank, &c., for examination before two o'clock the day previous to being acted upon: if for receiving dividends, present them at the time the first dividend is payable.

The expense of a power of attorney is £1 1s. 6d. for each stock; but for Bank, India, and South Sea stocks, £1 11s. 6d. If wanted for the same day, half-past twelve o'clock is the latest time for receiving orders; but instructions should be given as early in the day as possible. The boxes for receiving powers of attorney for sale close at two.

Probates of wills and letters of administration, where stock stands in the deceased's name, must be left at the Will Office in the Bank of England from two to three clear days, exclusive of holidays, and a declaration of identity is usually required.

Stock cannot be added to any account (whether single or joint) in which the decease of the individual, or one or more of a joint party, has taken place; and the decease to be proved as soon as practicable. Powers of attorney in these cases become void.

The unaltered possession of £500 or upwards Bank Stock, for six months clear, will give the proprietor a vote.

The clear unaltered possession for a year of £1000 India Stock entitles the proprietor to one vote; of £3000, to two votes; of £6000, to three; of £10,000, to four votes.

### LONDON FIRE ENGINE ESTABLISHMENT.

Superintendent, Mr. JAMES BRAIDWOOD, 68, Watling-street.

#### LIST OF STATIONS.

*Ratcliffe.*—Wellclose-square. (Double Station.)  
*St. Mary Axe.*—Jeffries-square.  
*Finsbury.*—64, Whitecross-street, corner of Chiswell-street.  
*Cheapside.*—67, 68, and 69, Watling-street. (Chief Station.)  
*Blackfriars.*—27½, Farringdon-street. (Double Station.)  
*Holborn.*—254, High Holborn.  
*St. Giles.*—George-yard, Crown-street.

*Floating Engines.*—Off King's-stairs, Rotherhithe, and Southwark Bridge.  
The following are the Stations of the Extra Engines:—SHADWELL: 107, Broad-street, corner of Schoolhouse-lane. WESTMINSTER: Horseferry-road. ROTHERHITHE: Lucas-street, near the Police Station.

### LONDON MARKET MEASURES.

These being often made either of osier or deal shavings, vary triflingly in size, more than measures made of less flexible materials.

*Sea Kale Punnets:* 8 in. diameter at top, 7½ in. at bottom, and 2 in. deep. *Radish Punnets:* 8 in. diameter, and 1 in. deep, if to hold six hands; or 9 in. by 1 in. for twelve hands. *Mushroom Punnets:* 7 in. by 1 in. *Salading Punnets:* 5 in. by 2 in.

*Half Sieve* contains 3½ imperial gallons; averages 12½ in. in diameter, and 6 in. in depth. *Full Sieve* contains 7 imperial gallons; diameter 15 in., depth 8 in. A sieve of peas is equal to 1 bushel; a sieve of currants, 20 quarts. *Bushel Sieve:* 10½ imperial gallons; diameter at top, 17½ in.; at bottom, 17 in.; depth, 11½ in. *Bushel Basket*, when heaped, contains an imperial bushel; diameter at bottom, 10 in.; at top, 14½ in.; depth, 17 in. Walnuts, nuts, apples, and potatoes are sold by this measure. A bushel of potatoes, cleaned, weighs 56 lb., but 4 lb. additional are allowed if not washed. A junk contains two-thirds of a bushel.

*Pottle:* A long tapering basket that holds rather over a pint and a half. A pottle of strawberries should hold half a gallon, but never holds more than one quart; a pottle of mushrooms should weigh 1 lb. *Hand:* A bunch of radishes, which contains from 12 to 30 or more, according to the season. *Bundle:* 6 to 20 heads of brocoli, celery, &c.; sea-kale, 12 to 18 heads; rhubarb, 20 to 30 stems, according to size; and asparagus, from 123 to 125. *Bunch:* Applied to herbs, &c., and varies much in size according to the season. A bunch of turnips is 20 to 25; of carrots, 36 to 40; of greens as many as can be tied together by the roots.

Grapes are put up in 9-lb. and 4-lb. punnets; new potatoes, by the London growers, in 2-lb. punnets. Apples and pears are put up in bushels or half sieves. Weights always 16 oz. to the pound.



## METROPOLITAN PUBLIC CARRIAGES, HACKNEY AND STAGE COACHES, &amp;c.

Office, No. 3, Princes-street, Storey's Gate, Westminster.

Registrar, H. Wedgewood, Esq.

This Office was established in October, 1838, under the provisions of the Act of 1 and 2 Vict. cap. 79. Every carriage plying for hire within ten miles from the General Post-Office, and not being a stage carriage, is to be considered a "Hackney Carriage;" and every Stage Carriage (except such as every journey go beyond those limits) a "Metropolitan Stage Carriage." Every such carriage is to have the number, and the number of passengers licensed to carry, conspicuously placed inside and outside.

The Act requires all drivers, conductors, and watermen to be licensed; authorises the Registrar to grant licenses on payment of 5s., and requires such persons to wear badges. A magistrate may suspend for two months, and two magistrates may revoke the license. Driver or conductor, by misconduct occasioning damage on highways, being drunk during employment, or abusive, to forfeit not exceeding £3, or be committed for not exceeding two months; and magistrates may order compensation from proprietor to extent of £5. For obstructing road, improperly delaying on journey, or deceiving as to destination or route, or stopping on crossing, a fine not exceeding £1. The Act requires complaints to be made within seven days from offence. The Justices' decision is final. It is important to bear in mind that, if the complainant is the *only witness*, he must, *before his evidence is taken*, renounce his right to share of penalty, the whole of which thereupon goes to share of police of district; otherwise only half, the other going to the complainant. In all cases with costs. Actions under this statute are to be commenced within three months. The regulations to prevent extortion, which are in force as regards the fares for hackney carriages, apply to these stage carriages also. The regulations as to hackney carriages remain the same as prescribed by Act of 1 and 2 Will. 4, cap. 22, by which the fares are governed. The general control, however, of these public carriages also, is now vested in the Registrar of the Metropolitan Public Carriages. Drivers are compellable to drive to any place within the prescribed limits; to wait, on deposit being made; to obtain hirer's consent before allowing other persons to ride; and to deposit within four days in the Office all papers left in carriages. The regulations as to Hackney Carriage Fares are as follows:—

They are regulated by either distance or time; by distance, at the rate of 1s. per mile; by time, 2s. per hour, with fractional proportions.

One-horse Carriages, whether Flys or Cabriolets, are entitled to two-thirds of the above sums respectively.

No single fare is less than 1s. for Coaches, and 8d. for Cabriolets. Every half mile beyond the first mile is 6d. for Coaches, 4d. for Cabriolets. Every fifteen minutes completed, and part of fifteen minutes beyond the first thirty minutes, 6d.

Back fare payable after eight in the evening, but not after five in the morning, where discharged beyond limits.

## REGULATIONS RESPECTING STAGE CARRIAGES, INCLUDING OMNIBUSES.

No stage carriage is to carry passengers otherwise than upon proper seats, allowing sixteen inches in breadth for each passenger; children under five years of age, sitting in the lap, not to be reckoned. The number of passengers is to be painted conspicuously in the inside of every carriage, and on the back outside, under a penalty of £10 against the proprietor. No more than the proper number of passengers are to be carried, under a penalty of £5 each against the driver and conductor respectively. Any constable, peace-officer, or passenger, may measure the seats, under a penalty of £5 against any person refusing or obstructing such measurement. N.B. Rules are laid down respecting the number of outside passengers, limiting it according to the height and size of the carriage, independently of the limitation resulting from the length of the seats. See 5 and 6 Victoria, c. 79, ss. 13—17; and 6 and 7 Victoria, c. 86, adds that a printed Table of Fares shall be placed inside; imposes a penalty of £5 for acting as driver, conductor, &c., without a license; and £10 on the proprietor knowing or permitting such act; also a penalty of £3 for furious driving or wilful misbehaviour; £2 for causing obstructions by loitering, deceiving as to route, stopping at crossings, &c.

## HACKNEY CARRIAGE STANDS IN THE METROPOLIS.

By virtue of the authority conferred upon the Commissioners of the Metropolitan Police by an act of last session, they have proceeded to make various alterations with respect to the old stands for hackney carriages, and to appoint others in different localities where the neighbourhood appeared to require such accommodation. Standings for hackney carriages have been appointed, which provide room for 1815 carriages. The chief objects kept in view have been to place them in the immediate neighbourhood where they are wanted, without causing obstruction by their being in the great leading thoroughfares. Regulations are made to prevent the drivers and others standing together on the footways, smoking, drinking, or by any improper behaviour causing obstruction or annoyance there.

The various stands, under this new regulation, are as follow:—

WHITEHALL DIVISION.—Trafalgar-square, one on the east side and another on the west side; Whitehall.

WESTMINSTER DIVISION.—Buckingham-gate; Cadogan-place; Carey-street, Westminster; Commercial-road, Pimlico; Franklin's-row, Chelsea College; Fulham-road; Grosvenor-street; Knightsbridge-green; Knightsbridge-road; Milbank; Milton-row, Vauxhall-bridge-road; Palace-yard, Shaftesbury-terrace, Vauxhall-bridge-road; Sloane-square.

ST. JAMES' DIVISION.—Broad-street, Golden-square; Conduit-street, Regent-street; Davies-street, Berkeley-square; Dean-street, Soho; two in the Haymarket; Leicester-square; Park-lane, Piccadilly; three in Piccadilly; two in St. James's-street; Woodstock-street, Oxford-street.

MARYLEBONE DIVISION.—Adam-street west, Upper Berkeley-street; Boston-street, Park-road; Great Marylebone-street; Great Quebec-street, New-road; Harrow-road; London-street, Paddington; Maida-hill; Marylebone-lane, Oxford-street; Old Cavendish-street; Oxford-street; Paddington-street; Princes-street, Edgware-road; three in the Uxbridge-road; Winchester-place, New-road.

HOLBORN DIVISION.—Berners-street, Oxford-street; Bloomsbury-street, New Oxford-street; Bury-place, Bloomsbury; Castle-street East, Berners-street; Compton-street, Brunswick-square; Duke's-road, New-road; Foley-street, Portland-place; Goodge-street, Tottenham-court-road; Guildford-street, Foundling Hospital; John-street, Oxford-street; King's-road, Gray's-inn; two in the Portland-road; Southampton-row, Bloomsbury; three in Tottenham-court-road.

COVENT GARDEN DIVISION.—Agar-street, Strand; Bedford-street, Strand; Broad-street, St. Giles; Burleigh-street, Strand; Duncannon-street, Strand; two in Holborn; two in the Strand; Upper Wellington-street; Wellington-street, Strand.

FINSBURY DIVISION.—Clerkenwell-green; Cobham-row, Clerkenwell; Goswell-road; Goswell-street; Gray's-inn-road, King's-cross; Old-street, St. Luke's; St. John-street-road; two in Shoreditch.

WHITECHAPEL DIVISION.—Dock-street, Whitechapel; High-street, Whitechapel; Little Thames-street, St. Catherine; Tower-hill (east-side); Tower-hill (west side).

STEPNEY DIVISION.—Epping-place, Mile-end-gate; High-street, Shadwell; St. George's-street, St. George's in the East; White Horse-street, Ratcliff.

LAMBETH DIVISION.—Blackfriars-road; Kennington-cross; Kennington-green; Lambeth-road; Mount-street; New Bridge-street; Vauxhall; Palace New-road; St. George's Road; Waterloo-road.

SOUTHWARK DIVISION.—Blackfriars-road; Borough-road East; Borough-road West; Dover-road; High-street, Southwark; Old Kent-road; Wellington-street, Southwark.

ISLINGTON DIVISION.—Belinda-Terrace, Canonbury-square, Islington; Canonbury-place, Islington; City-road; Clapton-square, Hackney; Clark's-place, High-street, Islington; two in the Holloway-road; Islington-green; Kingsland-road; London-lane, Hackney; Penton-street, Pentonville; Pitfield-street (near the church), Hoxton; Richmond-road, Islington; Rotherfield, Islington; Great William-street, Maiden-lane, Islington.

CAMBERWELL DIVISION.—Camberwell-lane; High-street, Camberwell; Kennington Church; Manor-place, Walworth-road; Stockwell-place, Brixton.

GREENWICH DIVISION.—Blackheath-village; six in Greenwich; High-street, Woolwich.

HAMPSTEAD DIVISION.—Charles-street, East, Hampstead-road; College-street, Camden-town; Cumberland-market (centre road); Edgware-road; Hampstead-road; High-street, Camden-town; North-street, Portman-market; Ordnance-road, St. John's-Wood; Park-road, St. John's Wood; Seymour-street, Easton-square; Wellington-road, St. John's Wood; Wilstead-street, Somers-town.

KENSINGTON DIVISION.—Broadway, Hammersmith; four in the Great Western-road, Kensington; Great Western-road, Hammersmith; Uxbridge-road, Notting-hill.

WANDSWORTH DIVISION.—Great George-street, Richmond; Kew-road, Richmond; two in the King's-road, Chelsea; New-road, water side, Chelsea; Richmond green; Richmond-hill.

## PORTERAGE.

The Rates of Porterage are regulated by Act of 39 Geo. 4, cap. 58.

For any parcel not weighing more than 50 lb. and when the distance does not exceed a quarter of a mile, 3d.; half a mile, 4d.; a mile, 6d.; a mile and a half, 8d.; two miles, 10d.; and 3d. for every additional half-mile. Porters exacting more, to be fined not exceeding 20s.; misbehaving, 20s. to 10s. A ticket to be sent with every parcel; charge for carriage and porterage marked on it, under a penalty of 40s. or not less than 5s. Parcels are to be delivered at any place within half a mile of the carriage pavement in six hours after arrival, under a penalty of 20s. or not less than 10s. Parcels arriving between four in the evening and seven in the morning to be delivered in six hours from the latter period, under the like penalty. Informations under Act to be laid within fourteen days, with appeal to Quarter Sessions.

The business of the London and Metropolitan Parcels Conveyance Company, on the plan of the London local post, continues to be conducted with cheapness and punctuality, and to be successful and useful. Chief station, Rolls Buildings, Fetter-lane, and there are upwards of 700 receiving houses.

CARRIERS are not responsible for loss of parcel containing property where exceeding value of £10, unless same delivered as such and accordingly insured, for which insurance a receipt to be given. Any one coach proprietor or carrier may be sued. The Act does not relieve carrier, or proprietor, or mail contractor from liability for loss occasioned by servants' acts, or his own neglect or misconduct.

## COMPARATIVE VALUE OF EUROPEAN COINS, WEIGHTS, AND MEASURES.

England.	France.	Prussia.	Austria.	Wurtemberg.	Baden.	Hanover.	Saxony.	Hesse.	Brunswick.	Oldenburg.	Mecklenburg.	Switzerland (Bern).
1 acre . . .	0.405 hectare = 38,341 sq. feet . . .	1.581 morgen . . .	0.703 jeh. . .	1.283 morgen	1.124 morgen	1.555 morgen	1.467 morgen	1.618 morgen	1.617 morgen	{ 2.841 juch n. m. . . }	0.622 morg	1.177 juchart
1 foot = 12 inches . . .	135.144 par. lines . . .	11.653 Zoll . . .	11.559 Zoll . . .	1.031 foot . . .	1.016 foot . . .	1.043 foot . . .	1.078 foot . . .	1.219 foot . . .	1.063 foot . . .	1.031 foot . . .	1.018 foot . . .	1.016 foot . . .
1 quarter . . .	146.51 36 cub. par. lines . . .	5.238 sch. . .	4.720 mtzn. . .	1.974 sch. . .	1.938 malter . . .	1.555 malter . . .	2.31 sch. . .	2.271 malter . . .	4.831 sch. . .	13.286 sch. . .	7.475 sch. . .	1.706 mutt.
1 bushel . . .	1831.79 cub. par. lines . . .	0.661 sch. . .	0.591 mtzn. . .	0.205 sch. . .	0.242 malter . . .	1.167 hlmtzn. . .	0.35 sch. . .	0.281 malter . . .	1.167 hlmtzn. . .	1.621 sch. . .	0.931 sch. . .	0.213 mutt.
1 gallon . . .	228.97 cub. par. inch . . .	3.398 qt. . .	0.078 eimer . . .	2.472 maass . . .	3.028 maass . . .	1.165 stubchn. . .	4.851 kannen . . .	0.028 ohm. . .	4.819 qt. . .	3.318 kannen . . .	2.594 kannen . . .	0.027 sacum.
1 lb. Avoirdupois . . .	0.453 kl. . .	0.969 lb. . .	0.909 lb. . .	0.969 lb. . .	0.909 lb. . .	0.969 lb. . .	0.970 lb. . .	0.907 lb. . .	0.970 lb. . .	0.941 lb. . .	0.937 lb. . .	0.872 lb. . .
£1 sterling . . .	25 33 francs . . .	6 thr. 28s. gr. . .	9 fl. 55 kr. . .	{ 11 fl. 58 kr. (24 fl. fuss.) 24 fl. fuss. . . }	11 fl. 58 kr. . .	6 r. thaler . . .	6 r. thlr. 20 g. gr. . .	11 fl. 55 kr. . .	6 r. thlr. 20 g. gr. . .	6 r. thlr. 5 gr. . .	6 r. thlr. 3 g. gr. . .	17 froms. 7 batz. . .
1 shilling . . .	1.26 13-20 fr. . .	10 s. gr. 3 pf. . .	29 3-4 kr. . .	35 9-10 kr. . .	35 9-10 kr. . .	85 gr. 2-2-5 pf. . .	10 hr. 2-1-2 pf. . .	35 9-10 kr. . .	85 gr. 2-2-5 pf. . .	23 groit. . .	75 gr. 4-1-5 pf. . .	17-20 batz. . .
1 new French foot = 1.3 metre = 147.765 par. lines . . .	England. 1.095 foot . . .	1.062 . . .	1.0515 . . .	1.161 . . .	1.111 . . .	1.142 . . .	1.177 . . .	1.333 . . .	1.263 . . .	1.126 . . .	1.143 . . .	1.111 . . .



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## STAMPS AND TAXES.

### AN ANALYSIS OF THE NEW STAMP DUTIES.

(Comprising Act 13 & 14 Victoria, Cap. 97. Came into operation Oct. 10, 1850.)

AGREEMENT of any Minute or Memorandum of Agreement, where the matter thereof shall be of the value of £20..	£	s.	d.
Progressive duty .. .. .	0	2	6
Where divers letters to prove an agreement .. .. .	1	15	0
(No progressive)			
AFFIDAVIT not made for the purpose of being filed..	0	2	6
ASSIGNMENT. See "Conveyance" or "Mortgage"			
ASSIGNMENT of Lease. See "Lease"			
In other cases .. .. .	1	15	0
ATTESTED COPY, for every entire 720 words .. .. .	0	1	0
AWARD .. .. .	1	15	0
BARGAIN and SALE for vesting possession. (Repealed)			
BARGAIN and SALE. (To be enrolled.) See "Conveyance" or "Mortgage"			
Upon any other occasion .. .. .	5	0	0
BILL of SALE—Absolute. See "Conveyance"			
BILL of SALE—Conditional. See "Mortgage"			
BOND or MORTGAGE given as a security for any definite sum. (See Table)			
BOND or MORTGAGE given as a security for the repayment of any sum or sums to be thereafter lent, advanced, or paid, or which may become due, together with any sum already advanced or due, as the case may be:			
Where the money secured or to be recoverable thereupon shall be limited not to exceed a given sum .. .. .	{The same duty as on a Bond for such limited sum.		
And where the total amount of the money secured, or to be ultimately recoverable thereupon shall be unlimited .. .. .	{The same duty as on a Bond for a sum equal to the amount of penalty of such Bond.		
And where there shall be no penalty in such last-mentioned case .. .. .	{The Bond shall be available only for such an amount as the <i>ad valorem</i> thereon will cover.		
BOND or MORTGAGE given as a security for the transfer of stock in the Funds, Bank of Ireland, East India, South Sea, or other company or corporation	{The <i>ad valorem</i> for the average price of stock, &c., on the date of Bond.		
BOND as a collateral security on sale or mortgage where duty on principal deed does not exceed 20s.	{Same <i>ad valorem</i> as on sale or mortgage.		
Exceeding 20s. .. .. .	1	0	0
BOND as an additional or further security, previously secured by other security therein referred to, and paid the proper duty:—			
Where the sum shall not exceed £1400 .. .. .	{The same duty as on a Bond for like sum.		
And where the same shall exceed £1400 .. .. .	1	15	0
BOND or MORTGAGE transfer or assignment:—			
Where principal money shall not exceed in amount in the whole £1400 .. .. .	{The same duty as on a Bond for total amount.		
And in every other case .. .. .	1	15	0
BOND as principal security for payment of any annuity, upon original sale thereof .. .. .	{The duty as on a conveyance.		
BOND given as security for the payment of any annuity (except upon the original sale thereof) at stated periods, for any certain term, so that the amount can be previously ascertained .. .. .	{The same <i>ad valorem</i> as on a Bond for such total amount.		
BOND ditto, for life or other indefinite period, so that the same cannot be previously ascertained:—			
Where annuity shall not exceed £50 per annum .. .. .	1	0	0
£50 and not £100 per annum .. .. .	2	0	0
Exceeding £100 per annum, and also for every £100 and fractional part of £100 per annum .. .. .	2	0	0
BOND of INDEMNITY .. .. .	1	15	0
BOND for due execution of an office .. .. .	1	15	0
BOND of any kind or description, given for any other purpose than as aforesaid .. .. .	{The duty chargeable thereon, by any Act now in force.		
Provided always that no bond shall be charged with any greater amount of stamp duty than the <i>ad valorem</i> on the penalty of such bond.			
COMPOSITION DEED .. .. .	1	15	0
CONVEYANCE. (See Table)			
COPYHOLD. Admittance out of court, or memorandum thereof, or the copy of court roll of admittance in court .. .. .	0	2	6
Progressive duty .. .. .	0	2	6
COUNTERPART LEASE. See "Duplicate"			
COVENANT, Deed of:			
Where <i>ad valorem</i> charged on principal deed shall not exceed 10s .. .. .	{A duty equal to <i>ad valorem</i> .		
Exceeding 10s .. .. .	0	10	0
DEED of any description, not otherwise charged or exempted	1	15	0
DEFAESANCE apparently absolute, but intended only as a security. See "Mortgage"			
Duplicate or Counterpart of any deed or instrument of any description whatever, chargeable with any stamp duty or duties, either under this schedule or any other Act or Acts now in force:			
Where such duty or duties chargeable as aforesaid (exclusive of progressive duty) shall not amount to 5s.	{The same duty or duties as on original deed.		
And where the same shall amount to 5s. and upwards .. .. .	0	5	0
Progressive duty in the latter case .. .. .	0	2	6
In latter case duplicate requires a denoting stamp.			
FEOFFMENT. See "Conveyance" or "Mortgage."			
FURTHER CHARGE. See "Mortgage."			
LEASES subject to yearly rent only. (See Table.)			
LEASE granted in consideration of money by way of premium, without rent, or with rent under £20	{The duty as on conveyance for the amount.		
LEASE by way of premium, and also at a yearly rent, amounting to £20 or upwards .. .. .	{Both duties payable.		
LEASE of any kind, not otherwise charged .. .. .	1	15	0

LEASE, Assignment of. Upon any other occasion than a sale or mortgage .. .. .	{A duty equal to duty with which a similar lease would have been chargeable under this Act.		
Provided where similar lease would be £1 15s., such assignment shall be .. .. .	1	15	0
LETTER of LICENCE .. .. .	1	15	0
LETTER of ATTORNEY for sale, transfer, acceptance, or receipt of stocks or funds .. .. .	1	0	0
LETTER or POWER of ATTORNEY of any other kind .. .. .	1	10	0
MEMORIAL to be registered pursuant to Act for registering deeds, and upon every skin upon which same is written	0	2	6
MEMORIAL of ANNUITY, and upon every skin	1	0	0
MORTGAGES. The duties are similar to Bonds. (See Table)			
MORTGAGE, Reconveyance:			
Where principal money shall not exceed £1400 .. .. .	{ <i>Ad valorem</i> mortgage duty.		
And in any other case .. .. .	1	15	0
RECOGNIZANCE as a security. See "Mortgage."			
RECOGNIZANCE as an indemnity .. .. .	1	15	0
RELEASE. See "Conveyance" or "Mortgage."			
RELEASE, GENERAL .. .. .	1	15	0
SETTLEMENT of MONEY or STOCK. (See Table.)			
Deeds chargeable with <i>ad valorem</i> which relates to settlement of lands or property, shall be charged with a further duty, as if a separate deed, exclusive of progressive duty			
SURRENDER. See "Conveyance" or "Mortgage."			
TRANSFER. See "Conveyance" or "Mortgage."			
WARRANT of ATTORNEY .. .. .	{The duties are similar to Bonds.		
Except where same shall be already secured, and proper duty paid exceeding 5s., and also where given for a sum exceeding £200 by a person in actual custody .. .. .	0	5	0
WARRANT of ATTORNEY, not otherwise charged .. .. .	1	15	0
PROGRESSIVE DUTY on ORIGINAL DEEDS:			
For every deed, together with any receipt or other matter put or indorsed thereon or annexed thereto, which shall contain 2160 words or upwards, then for every entire quantity of 1080 over and above the first 1080 words a progressive duty, viz.:—			
Where such deed shall be chargeable with any <i>ad valorem</i> duty not exceeding 10s., a progressive duty equal in amount to such <i>ad valorem</i> duty or duties			
And in every other case (except where any other progressive duty is expressly charged) a progressive duty of	0	10	0
PROGRESSIVE DUTY on DUPLICATES. See "Duplicate."			

TABLE OF AD VALOREM DUTIES.

LEASES	MORTGAGES, BONDS, and WARRANTS of ATTORNEY	CONVEYANCES	SETTLEMENTS
Commence at not exceeding £5, and increase 6d. for every £5 and fractional part of £5 up to £25; then increase 2s. 6d. for every £25 and fractional part of £25 up to £100; and then increase 5s. for every £50 and fractional part of £50 up to £100; and then increase 10s. for every £100 and fractional part of £100 upwards.	Commence at not exceeding £40, and increase 1s. 3d. for every £50 and fractional part of £50 up to £300; then increase 2s. 6d. for every £300 and fractional part of £300 up to £1000; and then increase 10s. for every £1000 and fractional part of £1000 upwards.	Commence at not exceeding £25, and increase 2s. 6d. for every £25 and fractional part of £25 up to £300; then increase 5s. for every £50 and fractional part of £50 up to £300; and then increase 10s. for every £100 and fractional part of £100 upwards.	Commence at not exceeding £100, and increase 5s. for every £100 and fractional part of £100 upwards.
If yearly rent shall not exceed	If sum secured does not exceed	If purchase-money does not exceed	If sum settled does not exceed
£ s. d.	£ s. d.	£ s. d.	£ s. d.
5 .. 0 0 6	50 .. 0 1 3	25 .. 0 2 6	100 .. 0 5 0
10 .. 0 1 0	100 .. 0 2 6	50 .. 0 5 0	200 .. 0 10 0
15 .. 0 1 6	150 .. 0 3 9	75 .. 0 7 6	300 .. 0 15 0
20 .. 0 2 0	200 .. 0 5 0	100 .. 0 10 0	400 .. 1 0 0
25 .. 0 2 6	250 .. 0 6 3	125 .. 0 12 6	500 .. 1 5 0
50 .. 0 5 0	300 .. 0 7 6	150 .. 0 15 0	600 .. 1 10 0
75 .. 0 7 6	400 .. 0 10 0	175 .. 0 17 6	700 .. 1 15 0
100 .. 0 10 0	500 .. 0 12 6	200 .. 1 0 0	800 .. 2 0 0
150 .. 0 15 0	600 .. 0 15 0	225 .. 1 2 6	900 .. 2 5 0
200 .. 1 0 0	700 .. 0 17 6	250 .. 1 5 0	1000 .. 2 10 0
250 .. 1 5 0	800 .. 1 0 0	275 .. 1 7 6	1100 .. 2 15 0
300 .. 1 10 0	900 .. 1 2 6	300 .. 1 10 0	1200 .. 3 0 0
350 .. 1 15 0	1000 .. 1 5 0	350 .. 1 15 0	1300 .. 3 5 0
400 .. 2 0 0	1100 .. 1 7 6	400 .. 2 0 0	1400 .. 3 10 0
450 .. 2 5 0	1200 .. 1 10 0	450 .. 2 5 0	1500 .. 3 15 0
500 .. 2 10 0	1300 .. 1 12 6	500 .. 2 10 0	1600 .. 4 0 0
550 .. 2 15 0	1400 .. 1 15 0	550 .. 2 15 0	1700 .. 4 5 0
600 .. 3 0 0	1500 .. 1 17 6	600 .. 3 0 0	1800 .. 4 10 0
650 .. 3 5 0	1600 .. 2 0 0	700 .. 3 10 0	1900 .. 4 15 0
700 .. 3 10 0	1700 .. 2 2 6	800 .. 4 0 0	2000 .. 5 0 0
750 .. 3 15 0	1800 .. 2 5 0	900 .. 4 10 0	2100 .. 5 5 0
800 .. 4 0 0	1900 .. 2 7 6	1000 .. 5 0 0	2200 .. 5 10 0
850 .. 4 5 0	2000 .. 2 10 0	1100 .. 5 10 0	2300 .. 5 15 0
900 .. 4 10 0	2100 .. 2 12 6	1200 .. 6 0 0	2400 .. 6 0 0
950 .. 4 15 0	2200 .. 2 15 0	1300 .. 6 10 0	2500 .. 6 5 0
1000 .. 5 0 0	2300 .. 2 17 6	1400 .. 7 0 0	2600 .. 6 10 0
1050 .. 5 5 0	2400 .. 3 0 0	1500 .. 7 10 0	2700 .. 6 15 0
1100 .. 5 10 0	2500 .. 3 2 6	1600 .. 8 0 0	2800 .. 7 0 0
1150 .. 5 15 0	2600 .. 3 5 0	1700 .. 8 10 0	2900 .. 7 5 0
1200 .. 6 0 0	2700 .. 3 7 6	1800 .. 9 0 0	3000 .. 7 10 0
1250 .. 6 5 0	2800 .. 3 10 0	1900 .. 9 10 0	3100 .. 7 15 0
1300 .. 6 10 0	2900 .. 3 12 6	2000 .. 10 0 0	3200 .. 8 0 0
1350 .. 6 15 0	3000 .. 3 15 0	2100 .. 10 10 0	3300 .. 8 5 0
1400 .. 7 0 0	3100 .. 3 17 6	2200 .. 11 0 0	3400 .. 8 10 0
1450 .. 7 5 0	3200 .. 4 0 0	2300 .. 11 10 0	3500 .. 8 15 0
1500 .. 7 10 0	3300 .. 4 2 6	2400 .. 12 0 0	3600 .. 9 0 0

Example.—Cut off the last two figures, and divide by 4. Example.—Cut off the last two figures, and divide by 8. Example.—Cut off the last two figures, and divide by 2. Example.—Cut off the last two figures, and divide by 4.



# THE ILLUSTRATED LONDON ALMANACK FOR 1851.

## BILLS AND RECEIPT STAMPS.

### INLAND BILLS AND PROMISSORY NOTES.

If	£ s. d.	Not exceeding 2 months.	Exe. 2 mo. s. d.
Above	£2 0	£5 5	1 0
	5 5	20	1 6
	20	30	2 0
	30	50	2 6
	50	100	3 6
	100	200	4 6
	200	300	5 0
	300	500	6 0
	500	1000	8 6
	1000	2000	12 6
	2000	3000	15 0
	3000 and upwards	25 0	30 0

### BILLS OF EXCHANGE.

	£	s.	d.
Not exceeding	£100	3	0
Above £100 & not exc.	200	3	0
"	500	1000	5 0
"	1000	2000	7 6
"	2000	3000	10 0
"	3000	15 0	15 0

### DUTIES ON LEGACIES, &c.

To children or their descendants, or lineal ancestors of the deceased	£1	0	0
Brother or sister, or their descendants	3	0	0

The husband or wife of the deceased not chargeable with duty.

### APPRENTICES' INDENTURES.

Premium not amounting to	£30	£1	0	£400 & not amounting to	£500	£25	0
£30 and not amounting to	£50	2	0	500	"	600	30 0
50	"	100	3 0	600	"	800	40 0
100	"	200	6 0	800	"	1000	50 0
200	"	300	12 0	1000 or upwards	"	60	0
300	"	400	20 0	Duplicate	"	5	0

### LICENSES.

For Marriage, if special	£5	0
Ditto, if not special	0	10
For Bankers	30	0
For Pawnbrokers, within the limits of the twopenny post	15	0
Elsewhere	7	10
For Appraisers	2	0
For Hawkers and Pedlars, on foot	4	0
Ditto, with one horse, ass, or mule	8	0
Stage Carriage License, for every carriage	3	3
Hackney Carriage License, for every carriage	5	0
Selling Beer, to be drunk on the Premises	3	3
Ditto, not to be drunk on the Premises	1	1

### WINDOW TAX.

Windows.	Duty per Annum.	Windows.	Duty per Annum.	Windows.	Duty per Annum.	Windows.	Duty per Annum.
8	£ s. d.	16	£ s. d.	24	£ s. d.	32	£ s. d.
9	0 16 6	17	3 18 6	25	7 5 9	33	10 13 3
10	1 1 0	18	4 7 0	26	7 14 3	34	11 1 6
11	1 8 0	19	4 15 2	27	8 2 9	35	11 10 0
12	1 16 3	20	5 3 9	28	8 11 0	36	11 18 3
13	2 4 9	21	5 12 3	29	8 19 6	37	12 6 9
14	2 13 3	22	6 0 6	30	9 8 3	38	12 15 3
15	3 1 9	23	6 9 0	31	9 16 3	39	13 3 6
	3 10 0		6 17 6		10 4 9		13 12 0

Farm-houses belonging to Farms under £200 a year are exempt.

\*\*\* By cap. 17, 3 and 4 Vict., an additional £10 per cent. is imposed upon all the Assessed Taxes, Customs, and Excise.

### HORSE TAX.

#### FOR RIDING, OR DRAWING CARRIAGES.

No.	Each Horse.	No.	Each Horse.	No.	Each Horse.	No.	Each Horse.
1	£ s. d.	6	£ s. d.	11	£ s. d.	16	£ s. d.
2	1 8 9	7	2 18 0	12	3 3 6	17	3 3 9
3	2 7 3	8	2 19 9	13	3 3 6	18	3 4 6
4	2 12 3	9	3 0 9	14	3 3 9	19	3 5 0
5	2 15 0	10	3 3 6	15	3 3 9	20	3 6 0

Horses let to hire with post duty, each .. .. . £1 8 9  
 Race Horses, each .. .. . 3 10 0  
 Horses rode by butchers in their trade, each .. .. . 1 8 9  
 Where two only are kept, the second at .. .. . 0 10 6  
 Horses for riding, and not exceeding thirteen hands, each .. .. . 1 1 0  
 One horse used by a bailiff on a farm .. .. . 1 5 0  
 Other horses, thirteen hands high, and mules, each .. .. . 0 10 6  
 A horse used for riding by any one occupying a farm of less annual value than £500, is exempt, provided not more than one is kept; as are also horses employed by market-gardeners in their business.

## DUTIES ON CARRIAGES.

### WITH FOUR WHEELS.

No.	Per carriage for private use.	No.	Per carriage for private use.	No.	Stage-coaches and post-chaises.	No.	Stage-coaches and post-chaises.
1	£ s. d.	5	£ s. d.	1	£ s. d.	5	£ s. d.
2	6 0 0	6	7 17 6	2	5 5 0	6	20 5 0
3	6 10 0	7	8 4 0	3	10 10 0	7	31 10 0
4	7 0 0	8	8 10 0	4	15 15 0	8	36 15 0
	7 10 0		8 16 0		21 0 0		42 0 0

### WITH TWO WHEELS.

Carriages with two wheels, each .. .. . £ s. d.  
 Ditto, drawn by two or more horses, or mules .. .. . 3 5 0  
 For every additional body used on the same carriage .. .. . 1 11 6  
 For every additional body .. .. . 3 3 0  
 Carriages let by coachmakers, without horses .. .. . 6 0 0  
 For every carriage with four wheels, being of less diameter than thirty inches each, where drawn by ponies or mules, above twelve and not exceeding thirteen hands, per annum, £3 5s.; if with less than four wheels, and the ponies not exceeding twelve hands, and not let for hire, exempt. For every carriage with four wheels, drawn by one horse and no more, per annum, £4 10s. Carriages with less than four wheels, drawn by one horse, and constructed and marked as described by Act 6 & 7 Wm. IV. c. 65, and 1 Vict. c. 61, not exceeding £21 in value; also common stage carts, constructed for the carriage of goods, and occasionally used for riding, are exempt.

### DOGS.

For every greyhound .. .. . £1 0 0  
 For every hound, pointer, setting dog, spaniel, terrier, or lurcher, and for every dog, where two or more are kept, of whatever denomination they may be (except greyhounds) .. .. . 0 14 0  
 For every other dog, where one only is kept .. .. . 0 8 0  
 Compounding a pack of hounds .. .. . 36 0 0  
 Farmers with farms under £100 value, and shepherds, are exempt for dogs kept for the care of sheep.

### PENALTIES UNDER THE STAMP ACT.

For acting as an Appraiser without a license, £50.  
 For writing an Appraisement upon paper not duly stamped, £50.  
 Apprentices' Indentures to state the real amount of premium, in proportion to which the stamp duty is charged, on penalty of forfeiting double the amount of premium.  
 For Attorneys and Solicitors acting without having been admitted, £100.—For acting without certificate, £50.  
 For drawing a Bill or Promissory Note upon unstamped paper, or upon paper insufficiently or wrongly stamped, £50.—For post-dating Bills of Exchange, £100.  
 For drawing a Cheque more than 15 miles from the place where made payable, £100.—For receiving the same in payment, £20.—For Bankers paying the same, £100.  
 For setting out wrong amount of consideration money in Conveyance.—On the Attorney, £500; on the Purchaser and Seller, £50, and five times the amount of the excess of duty, payable on the full consideration money which ought to have been set forth; and the Purchaser may recover back so much of the consideration money as shall not be stated.  
 For selling Plate without license, £20 : gold, above 2 dwts.; silver, 5 dwts.  
 For selling Patent Medicines, &c., without a license, £20. Without a stamp, £10.  
 For printing a Newspaper without first making declaration as to the ownership, &c., £50 for every day such paper shall be printed or published.—For printing without stamps, on each paper issued, £20.  
 For Pawnbrokers taking pledges without a license, £50. For selling Plate without a license, £20. For selling plate without being duly stamped, £50.  
 For taking possession of the effects of any one deceased without taking out Letters of Administration, £100.  
 For giving an unstamped receipt for money amounting to £5 and upwards, £10.  
 For giving a receipt on an insufficient stamp, £10.  
 For refusing to give a receipt when demanded for money paid, and amounting to £5, £10.  
 For selling playing cards without an Ace of Spades duly stamped, £10. For being in possession of unstamped playing cards, £5 per pack.  
 Vendors of Stamps may purchase an Allowance Ticket, but must not repurchase a Stamp.

## DIRECTIONS FOR MAKING A WILL.

### SPECIFIED TO BE USED SINCE DECEMBER, 1837.

The Will must be signed at the foot or end of it by the Testator, or by some other person in his presence, and by his direction.  
 The signature must be made or acknowledged by the Testator in the presence of two or more witnesses present at the same time.  
 The witnesses must attest and subscribe the Will in the presence of the Testator.  
 It will then be sufficient for the passing of real or personal property, or both.  
 Note. The whole of the above ceremonies will be required whether the Will contain the most trifling gift, or disposes of property of the first magnitude.  
 And note further. A gift to an attesting witness or to the wife or husband of an attesting witness is void; therefore, neither a legatee nor the wife nor husband of a legatee should be made an attesting witness to a Will.  
 No particular form of attestation is necessary, but the following may be used, if used, it must be copied and written at the end of the Will below the signature of the testator:—  
 "Signed by the said .. .. ., the Testator, in the presence of us, present at the same time, who in his presence have subscribed our names as Witnesses."  
 The Testator should appoint one or more Executors.  
 If, after the execution of the Will, any alteration be made in it, by obliteration, interlineation, or otherwise, care must be taken that such alteration be executed in like manner as the Will itself. And it will be desirable also that the names of the Testator and witnesses be written on the margin of the Will, opposite every such obliteration, interlineation, or other alteration.  
 Wills may at any time be revoked; but wills made by single persons or widowers are absolutely void on their marriages after the date of the Wills, but such Wills may be re-executed by new delivery with two attesting witnesses, or by a Codicil similarly executed, expressive of the Testator's wish to carry into effect the provisions of the original Will.  
 N.B. No person who is under twenty-one can make a Will.



## DOMESTIC RECIPES.

**Cold Cup.**—Two quarts of old ale, four glasses of brandy, four glasses of noyeau, sugar to taste, and one lemon cut in slices, and stuck on a piece of dry toast with cloves.

**Sponge Cake.**—Beat the yolks of seven eggs, and add gradually 1 lb. of powdered loaf-sugar, the whites of five eggs,  $\frac{1}{2}$  lb. of flour, and flavour it with lemon. Beat well until it is put in the oven.

**Gingerbread.**— $\frac{1}{2}$  lb. of flour, 6 oz. of butter, 1 lb. of treacle, 1 lb. of coarse sugar, 1 oz. ground ginger, 1 oz. candied peel cut small. Mix the flour and butter well together, then add the other ingredients. It is better mixed the day before it is baked.

**Paradise Pudding.**—6 oz. of bread crumbs, 6 oz. of sugar, 6 oz. of currants, 6 apples grated, 6 oz. of butter beaten to a cream, 6 eggs, a little lemon-peel chopped, and nutmeg. Boil in a shape three hours. Serve with wine sauce.

**Sago Pudding.**—Boil a pint and a half of new milk with four spoonfuls of sago (washed), 4 eggs well beaten, lemon-peel, nutmeg, and sugar to the taste. A puff paste may be added. Bake slowly.

**Arrowroot Pudding.**—Two dessert spoons of arrowroot mixed smooth in a little cold milk, 1 egg, a little nutmeg, and lump sugar. Pour it into a cup, and boil three-quarters of an hour.

**Lemon Pudding.**—Mix two table-spoonfuls of flour with a little milk, and add to a pint of new milk when boiling; also, 2 oz. of butter. When cold, add five eggs well beaten,  $\frac{1}{2}$  lb. of lump sugar, the rind of a lemon grated, and the juice. Line the dish with paste, and bake in a slow oven about three-quarters of an hour.

**Another Lemon Pudding.**—The juice of one lemon and the rind grated,  $\frac{1}{2}$  lb. of bread crumbs,  $\frac{1}{2}$  lb. of suet, 6 oz. sugar. Boil one hour and a half.

**Tapioca Pudding.**—Wash  $\frac{1}{2}$  lb. of large tapioca, and simmer it gently in a quart of milk until it is thick. When cold, add two eggs, some sugar, and a slice of butter. Bake, with a crust round the edge of the dish, in a moderate oven.

**Vermicelli Pudding.**— $\frac{1}{2}$  lb. of vermicelli creeded in a pint of new milk, cool with half a pint; add the yolks of four eggs,  $\frac{1}{2}$  lb. of butter,  $\frac{1}{2}$  lb. of sugar, a little brandy and nutmeg. Bake, with a crust round the dish.

**Plum-Pudding without Eggs.**— $\frac{1}{2}$  lb. of raisins,  $\frac{1}{2}$  lb. of suet,  $\frac{1}{2}$  lb. of flour, 2 large table-spoonfuls of treacle, candied peel, and nutmeg, mixed with nearly a pint of milk. Boil five hours.

**Baked Plum-Pudding.**—Pour one pint of boiling milk over  $\frac{1}{2}$  lb. of bread, add  $\frac{1}{2}$  lb. of butter and  $\frac{1}{2}$  lb. sugar. When the bread is well soaked and the butter melted, beat it fine with a spoon; and, when cold, add five eggs,  $\frac{1}{2}$  lb. currants, one nutmeg, 2 oz. almonds, and 1 oz. of candied peel.

**Buns.**— $\frac{1}{2}$  lb. of flour, 1 oz. of butter,  $\frac{1}{2}$  oz. of lard, half a pint of milk, and a little yeast. This will make four buns.

**Rice Cake.**— $\frac{1}{2}$  lb. of ground rice, 1 lb. of butter,  $\frac{1}{2}$  lb. of sugar, twelve eggs, leaving out six whites, eight drops of essence of lemon.

**Tea Cakes.**— $\frac{1}{2}$  lb. of flour, six oz. of sugar,  $\frac{1}{2}$  lb. of butter, two eggs, leaving out one white.

**Soda Cake.**— $\frac{1}{2}$  lb. of flour,  $\frac{1}{2}$  lb. of butter,  $\frac{1}{2}$  lb. of fine sugar. Rub the butter into the flour, mix with three eggs about a quarter of a pint of milk and half of a small teaspoonful of soda, candied peel, currants, or seeds *ad lib.* To be baked as soon as mixed.

**Seed Biscuits.**— $\frac{1}{2}$  lb. of flour,  $\frac{1}{2}$  lb. of sugar, 2 oz. of butter, two eggs, beaten up with a piece of ammonia and some caraway seeds.

**Curd Cheesecakes.**—To the curd from three quarts of new milk add  $\frac{1}{2}$  lb. of butter, and rub through a hair sieve, nine eggs, leaving out five whites,  $\frac{1}{2}$  lb. of fine raw sugar,  $\frac{1}{2}$  lb. of currants, candied peel, nutmeg, a wine-glass of brandy, four grated sponge biscuits, a quarter of a pint of cream. Mix all well together and send to the oven *directly*, having lined the patty-pans with puff paste.

**Lemon Cheesecakes.**— $\frac{1}{2}$  lb. of loaf sugar, six eggs, leaving out two whites, three finger-biscuits,  $\frac{1}{2}$  oz. of ground rice, the juice of three lemons and rind of two,  $\frac{1}{2}$  lb. of butter. Put these ingredients into a pan over a slow fire, stir it until the mixture is like honey, pour into jars, cover them with egg-paper, and it will keep for months.

**Apple Cheesecakes.**— $\frac{1}{2}$  lb. of white sugar,  $\frac{1}{2}$  lb. of apples grated,  $\frac{1}{2}$  lb. of butter, just melted, four eggs, leaving out two whites; the peel and juice of a lemon, a little nutmeg: the lemon juice must not be put in until the other ingredients are well mixed.

**Mince-Meat.**—1 lb. of suet chopped fine, 1 lb. of sugar, 1 lb. of currants, 1 lb. of raisins, the juice of four lemons, the peels to be boiled in three waters, and pounded; 2 oz. candied peel, a little brandy, port wine, and nutmeg.

**Apple Jelly.**— $\frac{1}{2}$  lb. of lump sugar, 2 lb. of apples, pared and quartered, a small tea-cupful of cold water; put all in a pan, and let them simmer two hours; press them down, but do not stir them; lemon-peel may be pared and cut like straws: when ready, pour into moulds.

**Damson Cheese.**—Bake a quantity of damsons in an earthen jar, in a very slow oven, about an hour; then pulp them through a colander, and to every pound of pulp add five ounces of loaf sugar powdered: *boil briskly* three-quarters of an hour, and pour into moulds.

**Raspberry Vinegar.**—Infuse a quart of raspberries in a pint of vinegar forty-eight hours, frequently stirring them; then strain the liquor clear off, and to every pint add 1 lb. of loaf sugar. Boil it twenty minutes.

**Walnut Ketchup.**—Boil gently a gallon of the expressed juice of walnuts, strain it well, then put in 2 lb. of anchovies, well washed from the salt; 2 lb. of shalots, 1 oz. cloves, 1 oz. mace, 2 oz. black peppercorns, and a clove of garlic. Let all boil together until the shalots sink. Let the liquor stand in a vessel until cold, then bottle it, dividing the spice to each; it will keep twenty years, but will not be fit to use the first twelve months.

**A good Pickle for Tongues.**—1 gallon of water,  $\frac{1}{2}$  lb. of bay salt,  $\frac{1}{2}$  lb. saltpetre, 1 lb. coarse sugar, with as much common salt as will make the brine float an egg. When it boils, skim it; and when cold, put in the tongues, having previously well washed and cleansed them with salt and water.

**Port Pie-Crust.**— $\frac{1}{2}$  lb. of flour,  $\frac{1}{2}$  lb. of lard, 2 oz. of butter, and a pint of water. Beat the above, and pour it on the flour boiling; stir it together, and then *well knead* it, and raise the crust for the pies.

**Solid Syllabub.**—1 pint of cream,  $\frac{1}{2}$  lb. of loaf-sugar powdered, 1 oz. of isinglass, boiled in half a pint of water till reduced to a quarter of a pint; a piece of lemon squeezed, and the rind grated; when the water is nearly cold, beat all up with a whisk; add a little brandy or white wine.

**Blanc Manger.**—To a quart of new milk, or partly milk and cream, add 1 oz. of isinglass shavings, sugar to taste; flavour with laurel leaves, cinnamon, or lemon-peel. Boil it till the isinglass is dissolved; pour it through muslin into a pitcher; when settled, pour it into moulds. Wash the isinglass ere it is used, and rinse the moulds with cold water or white egg.

**Lemon Jelly.**—The juice of four large lemons,  $\frac{1}{2}$  lb. of fine sugar, the whites of three eggs, with a spoonful of water; set it over the fire, stirring it one way until the sugar is dissolved and the eggs rise to a scum; strain it through a jelly-bag into glasses.

**Yellow Flummery.**—Dissolve 1 oz. of isinglass in a quarter of a pint of water, then add half a pint of white wine, the yolks of four eggs, the juice and rind of one lemon; sugar to the taste. Boil a few minutes, and pour it into a shape.

**Lemon Sponge.**—Put an ounce of isinglass, with the rinds of two lemons cut very thin, into a pint of water, and dissolve over a clear fire; then add  $\frac{1}{2}$  lb. of sugar; strain it through a sieve, and stir it till cold; then put the juice of two lemons and a table-spoonful of brandy in, and let it remain till quite a jelly, then add the whites of two eggs, and beat it for an hour; put it in a mould.

**College Pudding.**—Beat 4 eggs, and put it to 4 oz. of bread crumbs,  $\frac{1}{2}$  lb. pounded lump sugar, 6 oz. of suet, 6 oz. of currants, a little brandy, lemon peel, and nutmeg; baked in cups.

**Sultana Pudding.**— $\frac{1}{2}$  lb. of raisins,  $\frac{1}{2}$  lb. of suet, a large tea-cup full of bread crumbs, 2 table-spoonfuls of flour, 2 ditto of sugar, two eggs, a little milk, ginger, nutmeg, and brandy to the taste; boil it five hours.

**Buns or Tea-cakes, excellent.**— $\frac{1}{2}$  lb. of flour,  $\frac{1}{2}$  lb. of butter, one pint of milk, four eggs, 6 oz. of pounded lump sugar; rub the butter well into the flour, then mix the eggs, milk, and lemon peel with a table-spoonful of yeast; let it stand to rise; put in your sugar and currants; before baking it will require to be put in tins or cups.

**A good Sauce to Wildfowl.**—One glass of port wine, a table-spoonful of soy, ditto of catsup, ditto of lemon juice, a large shalot sliced, a slice of lemon peel, four grains of cayenne, one or two blades of mace, to be scalded and strained, and added to the gravy which comes from the bird.

**Jack's Puddings.**—2 oz. of butter, 2 oz. of flour, 2 oz. of sugar, 4 eggs, 1 pint of new milk; melt the butter in half the new milk, and stir it when nearly cold; add the flour, and bake them in cups.

## GENERAL POSTAL REGULATIONS, &amp;c.

**RATES OF POSTAGE.**—All letters from one part of Great Britain to another (including the Local Penny Posts and the London Twopenny Posts) are charged, if prepaid, and not

Exceeding half an ounce .. .. . 1d.

Exceeding half an ounce, and not exceeding one ounce .. 2d.

and so on, at the rate of 2d. for every additional ounce or fraction of an ounce. Unpaid and unstamped letters are charged double postage on delivery.

**HOURS OF POSTING FOR THE EVENING MAILS.**—The Receiving-Houses close at 5.30 p.m.; but letters are received for the evening's dispatch until 6 p.m., if an extra penny stamp is affixed. The Branch Post-offices at Charing Cross, Old Cavendish-street, and Stones-end, Southwark, receive letters until 6 p.m., and until 7 p.m., by affixing an additional penny stamp. At the Branch Post-Office in Lombard-street, the box remains open without additional fee until 6 p.m., and until 7 p.m. by affixing a penny stamp. At the General Post-Office in St. Martin's-le-Grand until 6 free; and until 7, by payment of the extra charge as at Lombard-street. From 7 to half-past 7 p.m., letters may be posted at the General Post-Office upon payment of a fee of sixpence each, which must, as well as the postage, be pre-paid. Letters intended to pass by outward mails to foreign parts must be posted at the above hours.—N.B. Newspapers for the evening mails must be put into the Receiving-Houses before 5 p.m., the Branch offices before 5.30, or General Post-Office before 6 p.m. From 6 p.m. to 7.30, on payment of one-halfpenny late fee; except newspapers for foreign parts, which must be posted at the General Post-Office and Branch Offices before 6 p.m., and at the Receiving-Houses before 5 p.m.

**MORNING MAILS** are forwarded to most of the principal towns in England and Wales, and to all parts of Ireland and Scotland, for which the letter-boxes at the Receiving-Houses will be open till 7 a.m. for newspapers, and  $\frac{1}{2}$  to 8 a.m. for letters; and at the Branch Offices, Charing Cross, Old Cavendish-street, and the Borough, for newspapers until half-past 7 a.m., and for letters until 8 a.m. At the General Post-Office and the Branch Office in Lombard-street the boxes will close for newspapers at a quarter before 8 a.m., and for letters at half-past 8 a.m.

Any SINGLE BOOK or PAMPHLET can now be sent through the Post-Office to any part of the United Kingdom if not exceeding 16 oz. in weight, and open at both ends, by affixing six postage stamps; if above 16 oz. 1s., and 6d. for every additional pound or fraction of a pound. The Postmaster-General does not guarantee the delivery of books and pamphlets with the same accuracy and regularity as newspapers and letters, but in no case will the delivery be delayed more than 24 hours after the usual post.

**BRITISH AND COLONIAL PAPERS** between British Colonies, without passing through the United Kingdom, to be free; except that 1d. may be allowed as a gratuity to the master of the vessel conveying them.

**NEWSPAPERS, BRITISH, FOREIGN, OR COLONIAL**, passing between British or Colonial or Foreign ports, and through the British Post, to pay 2d.; if not through the British post, 1d.

**NEW POSTAGE STAMPS**, intended principally for the pre-payment of foreign letters, have been issued. They are of the value of one shilling each, the colour being green, and the form octagonal, and another of the value of tenpence of a brown colour. These stamps may be used for inland as well as foreign postage, but they are chiefly intended for the postage of letters to the United States, India, China, the West Indies, New South Wales, and New Zealand, &c.

**PACKAGES** which in length, breadth, or width exceed twenty-four inches, cannot be forwarded by post between any places within the United Kingdom; except, however, petitions or addresses to her Majesty, or petitions to either House of Parliament forwarded to any Member of either House, or printed votes or proceedings of Parliament, or letters to or from any Government offices or departments.

**MONEY ORDERS.**—With a view to simplicity and economy in the accounts of the Money Order Office, it has been found necessary to lay down the following rules:—Every money order issued on or after the 6th October, 1848, must be presented for payment before the end of the second calendar month after that in which it was issued (for instance, if issued in October, it must be presented for payment before the end of December), otherwise a new order will be necessary, for which a second commission must be paid. 2. As already notified to the public, if an order be not presented for payment before the end of the twelfth calendar month after that in which it was issued (for instance, if issued in October and not presented before the end of the next October), the money will not be paid at all. 3. As, after once paying a money order, by whomsoever presented, the office will not be liable to any further claim, the public are strictly cautioned a. To take all means to prevent the loss of the money order. b. Never to send a money order in the same letter with the information required on payment thereof. c. To be careful, on taking out a money order, to state correctly the Christian name as well as the surname of the person in whose favour it is to be drawn. d. To see that the name, address, and occupation of the person taking out the money order are correctly known to the person in whose favour it is drawn. 4. Neglect of these instructions will lead to delay and trouble in obtaining payment, and even risk the loss of the money. These instructions, together with some others of minor importance, will be found printed on every money order.